

11804
21

Inland Seas



QUARTERLY BULLETIN OF THE
GREAT LAKES HISTORICAL SOCIETY

Index to Volume I

Compiled by Gertrude M. Robertson

January - October, 1945

INDEX TO VOLUME I

References show first the month and then the page where the item occurs.

Compound names of ships are indexed by the *first* initial or word. A list of ship names arranged alphabetically by their *last* names follows the index.

- Folsom*: listed, Oct., 54.
C. Tuxbury: listed, Oct., 54.
D: revolutionary building method used, July, 22; difficulties of sailing to New Orleans, 22-23; winter trip to New Orleans, 23-25.
ebans, Joffroy d': experiment on steamboat, Oct., 61.
ebott, James W.: joins Cass expedition, July, 7.
enitibi Power & Paper Co., Ltd.: mentioned, Apr., 45.
edia, propeller: mentioned, Oct., 46; listed, 47.
ea, Mich.: mentioned, Oct., 25.
air, W. A.: owner of *Eureka*, Oct., 5.
ams, John: mentioned, Oct., 14.
ee, George: friend of David Gibson, Oct., 57.
miral D. D. Porter, tug: listed, Oct., 57.
ica, propeller: carried passengers to Canadian northwest, Jan., 4; rebuilt as steam barge, 4; lost, 4; listed, Oct., 48.
assiz, Alexander: mentioned, July, 60.
ines, steamer (later Isle Royale): carries mail, Oct., 47.
abama, passenger steamer: launched, Apr., 23; sold, 24; excursions to Put-in-Bay, July, 51; calls at Fort William, Oct., 51.
anson Summer, tug: listed, Oct., 57.
aska: mentioned, Oct., 56.
bany, N. Y.: mentioned, Jan., 31, Oct., 16; army recruits gather at, Jan., 14; Capt. Ward arrives at, Oct., 3.
berta, steamer: listed, Oct., 48; described, Jan., 5; initial trip, 3, 5; remodeled, 6-7; used for freight, 7.
burn, W. H.: opinion cited, Jan., 14, footnote.
goma, steamer: listed, Oct., 48; described, Jan., 5; initial trip, 3, 5; run, Oct., 45; carries troops, 46; lost, Jan., 3, 6, Oct., 48; illustration, Jan., 26.
gonac, Mich.: birthplace of Capt. Inches, Apr., 46.
gonquin, freighter: arrives at Port Arthur, Oct., 51; cargo, 51.
lis-Chalmers Co.: mentioned, Oct., 41.
ma, Battle of the: mentioned, Oct., 39.
mond (formerly La Salle): decommissioned, Oct., 53.
pena, steamer: purchased, Apr., 20; disaster, 20-21.
pena, Mich.: mentioned, Oct., 55.
ta, schooner: listed, Oct., 54.
tadoc: new name of *E. E. Johnson*, q.v.
maranth, tender: decommissioned, Oct., 53.
Amelia, schooner: on Lake Erie, Apr., 35.
America, steamer: last to operate between Duluth and Port Arthur, Oct., 48; sank, 48.
American Bible Soc. of N. Y.: provides Bibles, Apr., 9.
American Company: early boats belonging to, Oct., 45.
American Fur Company: mentioned, July, 19.
American Merchant Marine: book about, reviewed, July, 61.
American Neptune: mentioned, Apr., 52; July, 56.
American Ship Building Co.: builds car ferries, July, 8; purchases Toledo Shipbuilding Co., Oct., 53; closes Cleveland yard, 53; absorbs Bay City yard, 54; headquarters, 53.
Amethyst, tug: listed, Oct., 47.
Amherst, Lord Jeffrey: mentioned, Jan., 16, July, 58; sent relief expeditions, Jan., 13.
Amherstburg, Ont.: mentioned, Oct., 47; Lime Kilns Crossing near, 42.
Among the collectors: article, Jan., 33-35.
Anchor Line: fleet mentioned, Jan., 8; progressive, 11.
Anderson, P.: appointed on committee, Oct., 8.
Anderson, Robert Earle: author of *Merchant Marine*, Oct., 60; preparation for writing, 60.
Anderson, Thomas G., Capt.: distributes bounty, July, 39.
Anderson, William K.: re-established Detroit power squadron, Jan., 39.
Andrew J. Smith, tug: listed, Oct., 57.
Angus, Richard B.: member of syndicate, Jan., 3.
Ann Arbor No. 1: planned as car ferry, July, 5; successful trip, 5; described, 6; cost of operating, 6.
Ann Arbor No. 2: added in 1893, July, 6.
Ann Arbor No. 3: added in 1898, July, 6.
Ann Arbor No. 4: added in 1898, July, 6; SOS call from, July, 13; in distress, 14; lost, 14.
Ann Arbor No. 5, car-ferry: built in 1906, July, 6.
Ann Arbor No. 6, car-ferry: built in 1910, July, 6.
Ann Arbor No. 7, car-ferry: added in 1925, July, 6.
Ann Arbor Railroad: makes use of car-ferries, July, 2; credit for sponsoring, 4, 6; car-ferries used by, 4-6.
Annapolis, Md.: Ernest J. King attends Naval Academy, July, 27.
Annie Dobbins, tug: listed, Oct., 57.
Antwerp, Belgium: cargo from, Oct., 51.
Apia, Samoa: raided by Bully Hayes, Apr., 42.
Arabaska [Arabasker], sloop: listed, Oct., 15; owners mentioned, 17.

- Arabia*, steamer: purchased by Fritz Riebenach, Oct., 55; result of seiches on location, Oct., 55-56.
- Arabian*: bark: sails for Liverpool, Oct., 6.
- Arabian*, freighter: listed, Oct., 51.
- Archimedes*, tug: mentioned, Oct., 5; described, 5.
- Arctic*, steamer: carries troops, Oct., 46.
- Argyle*, propeller: listed, Oct., 48; converted into steam barge, 48; renamed, 48.
- Ariel*, schooner: on Lake Erie, Apr., 34; present location requested, Oct., 63.
- Arizona* (formerly *City of Racine*): reliable and fast carrier, Apr., 22; final use, 22.
- Armstrong*: H. C. Inches captain on, Apr., 46.
- Arnhaus*, A. H.: mentioned, Apr., 13.
- Arnold Line*: mentioned, July, 57.
- Arnold Transit Company*: boats built for, Oct., 51.
- Arrowwood* (formerly *Cadillac*): decommissioned, Oct., 53.
- Ashland*, Wis.: mentioned, Oct., 47.
- Ashley*, James M.: establishes first car-ferry across Lake Michigan, July, 4-5; difficulties, 5.
- Ashman*, —: gives advice, Oct., 26; describes Lake Superior, 27.
- Ashtabula*, Ohio: mentioned, July, 46, 55; newspaper quoted on freeing of grounded schooner, 49.
- Asia*: pioneer ship of Windsor-Lake Superior Line, Oct., 46-47; chartered and wrecked, 47, July, 55.
- Asp*, schooner: on Lake Ontario, Apr., 34.
- Aspen*: pictures of, distributed, July, 52.
- Assikinack*, Chief: acts as interpreter, July, 39; noted orator and warrior, 39; see also Blackbird.
- Assiniboia*, steamer: added to C.P.R. fleet, Jan., 7, Oct., 49; illustration, Jan., 26.
- Astor*, Lady: presented water color, Jan., 22.
- Athabasca*, steamer: listed, Oct., 48; described, Jan., 5; initial trip, 3; length of service, 3; length increased, 6; rescues *Algoma's* passengers, 6; used to carry freight, 7; James McCannell becomes master of, 7.
- Atikokan*, steamer: listed, Oct., 47.
- Atikokan*, Ont.: mine at, Oct., 52.
- Atlanta*: owned by Goodrich line, Apr., 23; burned, 23.
- Atlanta*, gunboat: *Chicora* chased by, Oct., 45.
- Atlantic coast: protection, Apr., 33.
- Atlantic Ocean: mentioned, July, 22; steamers for Gt. Lakes cross, Jan., 5.
- Australia: mentioned, Apr., 42, July, 42.
- Axis powers: control of trade of, Oct., 61.
- B. B. Jones*, tug: listed, Oct., 57.
- B. W. Arnold*: listed, Oct., 54.
- Bahle*, Esten, Capt.: narrow escape, July, 13.
- Bailey Brothers shipyard*: *David Dows* built in, July, 54.
- Bald*, F. Clever: reads paper before Marine Hist. Soc., July, 52.
- Baliz*, tug: listed, Oct., 57.
- Ballantyne*, —: tells Kane of Indian gathering, July, 39.
- Baltimore & Ohio Railroad*: mentioned, July, 26; plan new dock, Oct., 52.
- Bancroft*, Wm. L.: cited, Jan., 32, footnote.
- Baniteau*, Tom: captain of *Onaping*, Oct., 57.
- Bannister*, J. A.: article by, reviewed, Jan., 43.
- Bannockburn*, freighter: listed, Oct., 51.
- Barclay*, Robert H.: location of fleet requested, Oct., 63.
- Barcus*, —: speaks before Marine Hist. Soc., July, 52.
- Bassett*, W. J.: captain of *City of Collingwood*, Oct., 49.
- Bates*, Stephen: shipbuilder, Apr., 19; builder for Goodrich Line, 19.
- Bates*, William: shipbuilder, Apr., 19; authorized on construction, 19.
- Battle Creek*, Mich.: mentioned, Oct., 24.
- Battle of Lake Erie*: mentioned, Jan., 36, July, 62.
- Battle of the Alma*: Lt. Radcliffe killed, Oct., 39.
- Baus*, Louis: illustrations from collection of, Jan., 24, 28, Oct., 29; owns valuable picture collection, Jan., 34; article by, July, 53.
- Bay City*, Michigan: mentioned, Apr., 39, July, 7, 49; fighting ships from, July, 21-25; ship built at, 1877-1894, Oct., 54-55.
- Bay of the Rolling Sands*: remains of American gun-boats in, July, 37-38.
- Bayfield*, —, Lt.: makes hydrographic survey of Lake Superior, Oct., 45.
- Bayfield*, Ont.: listed, Oct., 47.
- Bayliss*, Estelle L.: book reviewed, Apr., 49.
- Bayliss*, Joseph E.: book reviewed, Apr., 49; elected trustee of G.L.H.S., July, 56.
- Beached in a storm*: article by Minnie Sweetmonti, July, 46-49.
- Beattie*, Joseph C.: diver, Jan., 20.
- Beatty*, Sir Edward: president of C.P.R., Jan., 5.
- Beatty*, Henry: supervises construction of steamers, Jan., 4.
- Beatty Line*: gives service between Sarnia and Thunder Bay, Oct., 46; boats owned by, 46; adds *Monarch*, 49.
- Beauharnois Canal*: enlarged, Oct. 4.
- Beaumont*, William, Dr.: makes valuable contribution to study of medicine, Jan., 43.
- Beaver*, sloop: mentioned, Apr., 4; listed, Oct., 15; ownership, 17; another of same name, 17.
- Beaver*: exterminated, July, 62.
- Beaver Dam*, Wis.: Wayland Academy in, Oct., 44.
- Beaver Islands*: Mormons on, Jan., 36.
- Beckwith*, Arthur J., Lt. Com.: article by, Jan., 37-38; on membership committee, Oct., 58.
- Beef*: cost in 1795, Oct., 15.

—, Capt.: plays whist, Oct., 40, *footnote*.
 e River: location, Oct., 2, *footnote*.
 T. Cross, steamer: A. H. Hawgood master
 at 22, July, 51.
 oc, Hilaire: article by, mentioned, Oct., 63.
 am (previously E. M. Peck), tug: Oct., 57.
 ham, W. P., Capt.: article by, Oct., 57.
 met, George M.: loaned watercolors, Jan.,
 1.
 son, Lillian Rea: article by, Apr., 14-17; oc-
 cupation, 53.
 son Mines: ore from, Oct., 53.
 ton Harbor, Mich.: strange cult at, Apr., 51.
 ry, A. V., Col.: president of Jackson Mining
 Co., Oct., 23.
 emer Transportation Co.: loss of car-ferry,
 July, 11-12.
 wick, Jay W.: reviews by, Apr., 50-51, 52-53,
 July, 59, 60-61, 62, Oct., 61-63; occupation,
 Apr., 53, July, 56.
 el Ship: gospel ships, Apr., 8-10.
 iography: on Lake Erie explorations, Apr.,
 7.
 iography of the printed Maps of Michigan: cited,
 Oct., 59.
 Pike, Chief: Kane makes portrait of, July,
 8.
 Fred R.: copies ambrotype, July, 34.
 ell, —: on *Madeira Pet*, Oct., 11.
 enhead, Eng.: *Chicora* built at, Oct., 45.
 ck Pete: see Campbell, P. M., Capt.
 ck River: mentioned, Jan., 13, Apr., 44,
 July, 55; Bradstreet reaches mouth of, Jan.,
 6; affords good harbor at Lorain, July, 26.
 ckbird (Ottawa chief): biography of, cited,
 July, 56; see also Assikinack.
 s' *Gazetteer of Michigan*: quoted, Apr., 49.
 rdman, E., Capt.: accompanies expedition,
 July, 18.
 Anderson, tug: listed, Oct., 57.
 rie, Baptiste: mentioned, Apr., 36.
 s Blanc Island: mentioned, July, 44; expedi-
 tion heads for, 18.
 and, John J.: elected trustee of G.L.H.S.,
 July, 56.
 Ami, passenger steamer: run, Oct., 50.
 anecamp, J. P. de: gives account of Calceron's
 expedition, Apr., 2; work cited, 5.
 uth, William H., Sr., Capt.: trains civilian
 crew, July, 22; early career, 23; rides storm
 safely, 23-24.
 uth Fisheries: mentioned, Oct., 48.
 ton Yacht Club: organizes power squadron,
 Jan., 38.
 unt: Indians gather for, July, 38, 39-40.
 ating: Indian name for Sault Ste. Marie,
 Oct., 26.
 wen, Dana: mentioned, Jan., 41; article by,
 Jan., 8-12.
Boyhood of Admiral King: article by M. M. King,
 July, 26-28.
 Bradish, Alvah: *Memoir* used as source, Apr., 37.
 Bradley, Alva: elected president of G.L.H.S.,
 Jan., 2; speaks at meeting, Apr., 44; intro-
 duces INLAND SEAS, Jan., 2.
 Bradstreet, John, Col.: mentioned, July, 58;
 record, Jan., 16; campaign, 16-17; leads men
 to disaster, 17.
 Brady Pier, Sault Ste. Marie: to be recon-
 structed, July, 50; original structure, 50.
 Brant, Joseph: great American Indian, July, 58.
 Brebeuf, Father: mentioned, Apr., 50.
Brebeuf and his brethren, by E. J. Pratt: reviewed,
 Apr., 50-51.
 Brennan, Bert C.: article by, July, 21-25; oc-
 cupation, 56; on membership committee, Oct.,
 58.
 Bressani, Father: early record of Lake Erie,
 Apr., 2; work cited, 4.
 Bridge Street House: explorers stop at, Oct., 25.
 Brig Columbia, *Justus Wells*, master: article by
 C. S. Metcalf, July, 42-45.
 British Columbia: part of Canada, Jan., 3;
 promised trans-continental R.R., 3.
 British Isles: immigrants from, Jan., 5.
 Broadside: reprint, Oct., 16-17.
 Brock, Isaac, Col.: aid requested from, Apr., 16;
 brief sketch, 16, *footnote*.
 Bronson, —: captain on Goodrich line, Apr.,
 22.
Brooklyn, steamer: carries troops, Oct., 46.
 Bross, —: on *Madeira Pet*, Oct., 11.
 Bross, William: appointed on committee, Oct.,
 8.
 Brotherton, R. A.: article by, Oct., 23-28; gift
 acknowledged, 31; on membership commit-
 tee, 58; occupation, 58.
 Brown, Alexander C.: elected to office, Apr., 44.
 Brown, Beaver: master mechanic with railroad,
 July, 26.
 Brown, George T.: stockholder, Oct., 49; man-
 ager of steamship line, 49.
 Brown, Jacob Jennings: mentioned, July, 58.
 Brown, John, Capt.: reunion with mates, July,
 43.
 Brown, Prentiss M.: addresses Marine His-
 Soc., July, 52.
 Brown, W. J.: acquires *Carmona*, Oct., 50; re-
 builds, 50; charts *City of the Straits*, 50.
 Brown, W. Russell: article by, Oct., 45-51; col-
 lector, Jan., 35, Oct., 58; occupation, 58.
 Bruce, —: appointed as escort for *Madeira Pet*,
 Oct., 8.
Bruce, The: by William Sherwood Fox, Oct.,
 18-22.
 Bruce: peninsula of Lake Huron, Oct., 18-22;
 compared with other peninsulas, 18; described,
 19, 20-22; Indians surmount obstacle, 19;

- formation, 20-21; result of ice age, 21; plant life on, 21; accessibility, 22.
- Brulé, Etienne: mentioned, Jan., 43; July, 58; discovers Great Lakes, Apr., 2, 52; sights St. Joseph's Island, 49.
- Brush, E. A.: joins Cass expedition, July 17.
- Bryson, C. W.: last owner of *India*, Jan., 12.
- Buckeye Steamship Co.: buys *Princeton*, July, 50.
- Buckingham & Sturges: Capt. Ward takes on cargo for, Oct., 3.
- Buckman: listed, Oct., 55.
- Buffalo, N. Y.: mentioned, Jan., 8, 10, 11, 31, 32, 41, Apr., 11, July, 12, 53, 54, Oct., 2, 3, 5, 53; cadets have shore leave at, 52; grain race from, 42; *Julia Palmer* built at, 45; *Quebec* rebuilt at, 46; lighthouse, Jan., 37; piers, 37-38; repair yard at, Oct., 53; steamers assembled at, Jan., 5; surprising advertisement, July, 56; two seiches noted at, Oct., 55-56; visited by Russian engineers, July, 50-51; wheat shipped to, Oct., 4.
- Buffalo Creek: formation of bar, Jan., 37.
- Buffalo Piers and Lighthouses one hundred years ago*: article by Lt. Com. Arthur J. Beckwith, Jan., 37-38.
- Buffington*, steamer: salvaged, Jan., 29.
- Bundy, Henry, Capt.: in command of gospel ship, Apr., 8-10; query concerning *Glad Tidings*, July, 57.
- Bunyan, Paul: mentioned, July, 59.
- Buoy: illustration, Apr., 30.
- Burbey, Louis H.: mentioned, Jan., 43; on membership committee, Oct., 58.
- Burch, I. H.: merchandise consigned to, Oct., 7.
- Burch, I. H., & Co.: cargo consigned to Oct., 9; toasted, 11; praised by Press, 11.
- Burch, W. J.: promotes trade with Liverpool, Oct., 7.
- Burger, Henry: partner of G. S. Rand, Apr., 21.
- Burger & Burger (successors to Rand & Burger): builds *City of Racine*, Apr., 22.
- Burma: mentioned, Oct., 18.
- Burmeister, Charles: collects material for Great Lakes hist., Apr., 9.
- Burmeister, Laura E.: preserves letter of Capt. Bundy, Apr., 9.
- Burnham, Oliver T.: answers query on *Ocean Wave*, July, 57.
- Burning of the steam-boat Erie*: article, Jan., 41-42.
- Burt, William Austin: discovers iron ore, July, 60; influence on Great Lakes, 52.
- Burton Historical Society: mentioned, Jan., 22, 43, Apr., 48, 51, 52, July, 58; owns Pickering Ms., Oct., 14.
- Buschmann, —: lost, Apr., 24.
- Butcher Boy*, steamer: listed, Oct., 48.
- Butcher Maid*, steamer: listed, Oct., 48.
- Butlin, —, Capt.: president of Goodrich line, Apr., 23.
- C. A. Morgan, tug: goes to aid of grounded schooners, July, 48; frees schooner, 48.
- C. E. Benham, tug: listed, Oct., 57.
- C. E. Redfern: listed, Oct., 54.
- C. F. Bielman, propeller: listed, Oct., 55.
- C. W. Bradley, barque: Bully Hayes has, Apr., 1.
- C. W. Liken, tug: listed, Oct., 54.
- Cadillac*, ferry: on Detroit River, Oct., 53.
- Calcutta, India: mentioned, Apr., 41.
- Calder, John: captain of *Arabian*, Oct., 6.
- Caledonia*, brig: on Lake Erie, Apr., 35.
- California: gold, Apr., 42; gold rush, Oct., 5.
- Call it North Country*, by J. B. Martin: reviewed G. W. Thayer, July, 60.
- Calumet & Hecla Mining Co.: mentioned July, 60.
- Cambria*, sloop: mentioned, Oct., 46; history 49-50.
- Campana*, steamer: purchased in England, Oct. 48; built for cattle trade, Jan., 4; chartered from Collingwood-Lake Superior line, history, Oct., 48.
- Campbell*, cutter: Com. J. A. Hirschfield in command of, Oct., 56.
- Campbell, A.: uses *City of Montreal*, Oct., 47.
- Campbell, Anne: poem by, mentioned, Apr., 4.
- Campbell, Neil: captain of *Cambria*, Oct., 50.
- Campbell, P. M.: captain of *Majestic*, Oct., 4.
- Canada*, freighter: listed, Oct., 51.
- Canada*, propeller: listed, Oct., 48.
- Canada*, steamer: has original *Northwest* engine, July, 53.
- Canada*, tug: listed, Oct., 57.
- Canada: mentioned, Jan., 36, 37, Apr., 50, Oct. 50, 51; plans to link east with northwest, Jan., 3; reports sinking of ships by German, July, 50; use of Rideau Canal, Oct., 3.
- Canada Steamship Lines: loses *Hamonic*, Oct. 53.
- Canada Transit Company: boats operated by, Oct., 48.
- Canadian National Railways: constructs coal loading dock, Oct., 52.
- Canadian Northwest: revolt in, Jan., 5.
- Canadian Pacific Railway: mentioned, Jan., 3; built, 3; financial and construction problems, 4; contracts for fleet, 4; description and composition of fleet, 5; stimulates immigration, July, 5.
- sixtieth anniversary of fleet, Jan., 3; line to be defined, Oct., 46; boats added to fleet of, 4; supplies to, 48; moves steamship terminal from Port Arthur, 48-49.
- Canals: see under individual names.
- Capitol's Foundation for original U.S.S. *Michigan*, Inc.: letter from, Apr., 46-47.
- Captain Bundy's gospel ship*: article by Walter Havighurst, Apr., 8-10.
- Capt. John Roen*, steamer: salvaged, rejoined freighter fleet, July, 50.

Wells' last voyage: taken from log, July,
 ferries: see ferries.
 o: early method of unloading, Jan., 38;
 on Goderich, Ont., July, 54-55; on board
Gonquin, Oct., 51; on *Buffington*, Jan., 29; on
Amphrey, 18-19; on *Madeira Pet*, Oct., 9, 11;
St. Clair, Jan., 31-32, Oct., 2-3; on freight-
 s, 43; coal, Apr., 43; grain, 43, Oct., 4;
 nestone, Apr., 43; ore, 43, Oct., 53; rates,
 -17; cargo bulk, 17.
 eton, Sir Guy: mentioned, July, 58.
 ona, steamer: transferred, Oct., 49; sent
 st, 50; rebuilt and renamed, 50.
 egie West Library (Cleveland): mentioned,
 n., 38; meeting in, Apr., 48.
 ey, Tom: captain of *Crusader*, Oct., 57.
 ma, steamer: formerly *Manitoba*, Oct., 46.
 p River: mentioned, Oct., 27.
 r, Frank: member of Jackson Mining Co.,
 Oct., 23.
 ington, M. D.: *David Dows* built for, July,
 4.
 ington & Casey: Toledo firm, July, 54.
 ying place, by Angus M. Mowat: reviewed,
 Apr., 50.
 tier, Jacques: mentioned, Apr., 50.
 twright, Richard: urges erection of light-
 ouse, Apr., 15; brief sketch, 15, *footnote*.
 us, Edward: captain of *Georgia*, Apr., 22.
 ver, Jonathan: leaves record, Apr., 3; work
 cited, 6.
 ican: *Northwest* engine transferred from
 Canada to, July, 53; wrecked, 53.
 s, Lewis: first expedition, object, July, 16;
 second expedition, 16-20; object, 16; per-
 onnel, 17; sends Porter on separate expedi-
 tion, 17.
 ualitics: *Algoma*, Jan., 6, Oct., 48; *Alpena*,
 Apr., 21; *Asia*, July, 55, Oct., 47; *Atlanta*, Apr.,
 23; *Comet*, 19; *Commerce*, Oct., 37, 38; *Erie*,
 Jan., 41-42; *Marquette and Bessemer No. 2*,
 July, 11-12; *Milwaukee*, 14; *Morning Star*, 53;
Ocean Wave, 57; *Pere Marquette 18*, 13; *Seabird*,
 Apr., 19; *Sunbeam*, 19; *Vernon*, Oct., 47; *Wil-*
liam B. Davock, July, 12; *Wisconsin*, Apr., 24.
 talina Island: run to, Apr., 23.
 taraqui, schooner: sails for Liverpool, Oct., 6.
 te, Garth: mentioned, July, 61.
 theart, steamer: carries survivors of wreck,
 Oct., 39.
 uthedrals, St. John's: mentioned, Apr., 41.
 atlin, George: mentioned, Jan., 44; paintings
 referred to, July, 37.
 udle, Frederick L.: supplies section on
 weather, Oct., 61.
 avelier, Robert: mentioned, July, 58.
 edar Point (Ohio): mentioned, Jan., 16,
 Apr., 3.

Celebrations: raising of freighter, Jan., 29;
 arrival of *Madeira Pet*, Oct., 9.
 Céloron de Blainville, P. J.: early expedition to
 Ohio River, Apr., 2; work cited, 5.
Celtic, freighter: listed, Oct., 51.
 Central Vermont Railroad: mentioned, Apr.,
 12.
Centurion, propeller: listed, Oct., 55.
 Chamberlain, H. O. R., Lt.: signs document,
 Oct., 38.
Champion, tug: mentioned, Apr., 45; powerful,
 Oct., 57.
 Champlain, Samuel de: mentioned, Jan., 43,
 July, 58; way blocked by The Bruce, Oct., 19;
 saw little of peninsula, 20; brief description
 of, 19.
 Chancy A. Morgan; see C. A. Morgan.
 Chantry Island: *Manitoba* wrecked on, Oct., 46.
 Chapin, —: on *Madeira Pet*, Oct., 11.
Chapparel, coast guard cutter: clears ice, Apr.,
 39.
Chas. Cuyler: listed, Oct., 54.
Charles H. Bradley, propeller: listed, Oct., 55.
 Charleston, S. Car.: Chicora Co. in, Oct., 45.
 Charlevoix, Father: travelled north shore of
 Lake Erie, Apr., 2; work cited, 5.
Charlotte, sloop: mentioned, Apr., 3.
Charlton, tug: listed, Oct., 57.
 Chauncey, Isaac, Commodore: mentioned, Apr.,
 33, July, 58; activities, 62.
 Chaussegros de Léry, J. G.: records expedition
 to Detroit, Apr., 2; journal rich in details, 3;
 work cited, 5.
 Cheboygan, Mich.: mentioned, Apr., 29;
Elusive based at, 40; ice-breaker's base, 44.
Chemung, package freight steamer: impresses
 Gene Herman, Oct., 42.
Cherokee, schooner: sails for Liverpool, Oct., 6.
 Chester, —, Major: mentioned, Oct., 40,
footnote.
Chicago, sidewheeler: built by Rand & Burger,
 Apr., 21; turned into boarding house, 22.
 Chicago, Ill.: mentioned, *passim*; boat burned
 at, Apr., 9; boat terminal, Oct., 5; celebrates
 arrival of *Madeira Pet*, Oct., 9; company for
 California formed in, 5; illustration of harbor,
 Apr., 25; interested in grain trade, Oct., 4;
 in direct trade with Europe, 6; new ships
 delivered to, Apr., 43; repair yards at, Oct.,
 53; visited by Russian engineers, July, 50-51.
 Chicago & Western Michigan Railroad: merge
 with Flint & Pere Marquette Railroad,
 July, 7.
 Chicago Board of Trade: interest in trip of
Madeira Pet, Oct., 7; Capt. Crang addresses, 8.
Chicago Daily Democrat: quoted, Oct., 4-5.
Chicago Daily Journal: quoted, Oct., 5.
Chicago Daily Press: quoted, Oct., 8, 9, 10;
 cited, 9, *footnote*, 10, *footnote*, 11, *footnote*;
 praises T. R. Gordon, 11.

- Chicago *Democrat*: cited, Oct., 9, *footnote*.
 Chicago Drainage Canal: mentioned, Jan., 12.
 Chicago, Duluth & Georgian Bay Transit Co.: mentioned, July, 51.
 Chicago Historical Society: gift to, Oct., 30; courtesy acknowledged, 36.
 Chicago Magazine: illustration reproduced from, Oct., 36; quoted, 12-13; cited, 12, *footnote*.
 Chicago Public Library: mentioned, Oct., 9, *footnote*.
 Chicago River: mentioned, Apr., 10, Oct., 4, 5, 7; boat from Liverpool reaches, 8.
 Chicken Bone Reef: legend of, Jan., 36.
 Chicora, steamer: where and when built, Oct., 45; interesting history, 45-46; first of Niagara River Line, 46; wrecked, 46; renamed, 46.
 Chicora Company: buys steamer, Oct., 45.
 Chief Island: mentioned, Oct., 26.
 Chief Wawatam, steamer: replaced *Saint Ignace*, July, 4.
 China, steamer: launched, Jan., 8; still remembered, 8; well built, 8; popularity, 8; size, 9; speed, 9; described, 9, 10; sold, 11; change of name, 11.
 China: mentioned, Apr., 51, July, 42.
 Chippewa, schooner: destroyed on Lake Erie, Oct., 16.
 Chippewa, ship: on Lake Ontario, Apr., 34; sold, 33, 35.
 Chippewa, square rigged vessel: described, Oct., 14.
 Chippewa, steamer: built for Arnold Co., Oct., 51.
 Chippewa Indians: in Saugeen, Ont., July, 38; treaty regarding mineral rights, 16; name river, Oct., 26; meet at Sault Ste. Marie, 26.
 Christie, J. H.: Captain of *Minch*, July, 48; pays off crew, 48; takes up residence on grounded schooner, 48; spends winter on, 48; favorite with children and farmers, 48-49.
 Christina [Christie] A. Forbes: listed, Oct., 54.
 Christopher Columbus, propeller: whaleback passenger steamer, Apr., 23, Oct., 51; competes with Goodrich boats, Apr., 23; Goodrich purchases, 23; used to carry passengers to World's Fair, 23, Oct., 51; other excursions, 51; illustration, Apr., 26.
 Church, The: cited, Oct., 39, *footnote*.
 Cincinnati, Ohio: mentioned, July, 51, Oct., 3, 4, 56.
 City of Bangor, propeller: listed, Oct., 55.
 City of Cheboygan (formerly *Ann Arbor No. 4*): used as auto ferry, July, 6.
 City of Chicago, steamer: listed, Oct., 55.
 City of Cleveland II: mentioned, July, 53.
 City of Collingwood, propeller: W. S. Fox boards, Oct., 20; route, 20; used in opposition to C.P.R. and Beatty Lines, 49.
 City of Detroit I: mentioned, July, 53.
 City of Detroit III, steamer: described, Oct., 51.
 City of Duluth, propeller: listed, Oct., 47.
 City of Flint 32: added to fleet, July, 8.
 City of Fremont, propeller: listed, Oct., 47.
 City of Hamilton: formerly the *Japan*, Jan., 1 converted into tanker, 12; name changed, 12; disaster, 12.
 City of Midland, car-ferry: cost, July, 11.
 City of Midland 41: added to fleet, July, 8; improved ferry, 8.
 City of Montreal, steamer: formerly the *Chin*, Jan., 11; converted into barge, 12, Oct., 4; name changed, Jan., 12; foundered, Oct., 4.
 City of Mt. Clemens, steam barge: listed, Oct., 4.
 City of Munising (formerly *Pere Marquette 20*): listed, July, 8.
 City of New Baltimore, propeller: on St. Clair River, Oct., 43.
 City of Ottawa: formerly the *India*, Jan., 1; route, 12; sold, 12; name restored, 12; reduced to barge, 12.
 City of Owen Sound, propeller: listed, Jan., 4, Oct., 48.
 City of Petoskey (formerly *Pere Marquette 17*): mentioned, July, 8.
 City of Racine: built by Burger & Burger, Apr., 22; rebuilt and renamed, 22.
 City of Saginaw 31: added to fleet, July, 8.
 City of the Straits: W. J. Brown charts, Oct., 51.
 City of Winnipeg: listed, Oct., 48; burned, 48.
 Civil War: mentioned, Apr., 19, 45; use of *Chicora* in, Oct., 45.
 Clarence J. Fillmore, schooner: listed, Oct., 54.
 Clavet, George: dock mentioned, Oct., 49.
 Clayton, N. Y.: ore from, Oct., 53.
 Cleveland, Moses: mentioned, Apr., 4.
 Clematic, steamer: carries troops, Oct., 46.
 Clematis, tug: listed, Oct., 57.
 Clergue, F. H.: purchases *Montauk*, Oct., 50.
 Cleveland, Ohio: mentioned, *passim*; boats built at, Apr., 22, July, 46, Oct., 6; car ferries built at, July, 8; boat terminal, Oct., 50; excursions to Put-in-Bay, July, 51; General Herman's office in, Oct., 41; *Great Lakes News* published in, 41; King family in, July, 27; ore shipped to, Oct., 53; iron ore brought to, July, 42; power squadron in, Jan., 39; tug leave to aid grounded schooners, July, 47; 48; visited by Russian engineers, 50-51; picture of harbor, Oct., 33.
 Cleveland & Buffalo Transit Co.: own *Alabama*, July, 51.
 Cleveland-born pirate: article by Gordon W. Thayer, Apr., 41-42.
 Cleveland-Cliffs Iron Co: mentioned, Apr., 46, July, 60, Oct., 52.
 Cleveland Iron Mining Co.: first to use So. canal for shipment of iron ore, July, 42.
 Cleveland, Lorain & Wheeling Railroad: extends line, July, 26.

land Plain Dealer: mentioned, Jan., 34, Apr., 4, Oct., 44, 55.
 eland Power Squadron: mentioned, Apr., 3; article on, by C. W. Stage, Jr., Jan., 38-39; received charter, 38; conditions of membership, 39; sponsors seamanship training corps, 39.
 eland Public Library: mentioned, Jan., 2, 3, Oct., 58; headquarters of G.L.H.S., Jan., 3; G.L.H.S. hold meeting in, Apr., 48; grants room in branch to Cleveland power squadron, Jan., 38; list of source material on Lake Erie exploration in, Apr., 2-7.
 eland Yacht Club: mentioned, Jan., 17, footnote.
 de River: steamers ordered built on, Jan., 4; boats built on, Oct., 48, 49.
 st Guard Academy: to give Great Lakes training, Oct., 52.
 thrane, —, Capt. of Commerce: exonerated, Oct., 39.
 thrane, David Mitchell, Capt.: brief sketch, Apr., 23.
 borne, Ont.: mentioned, Oct., 47.
 burn, William: lost in wreck, Oct., 38.
 cord, Joanna Carver: book by, reviewed, Apr., 52-53.
 cord, Lincoln: brother of Joanna Colcord, Apr., 52.
 dwane, Ont.: Kane arrives at, July, 37.
 lingwood (previously the *Kaloolah*): reaches Thunder Bay, Oct., 45.
 lingwood, Ont.: boats lengthened at, Jan., 4; boats built at, Oct., 49; transit company moves office from, 49; trips to, 45.
 lingwood *Enterprise-Bulletin*: mentioned, Jan., 4.
 lingwood-Lake Superior Line: boat operated by, Jan., 4.
 lpoys' Bay: mentioned, Oct., 19, 22.
 lt, Judah: mentioned, Apr., 4; work cited, 7.
 umberia, brig: July, 42-45; brings first shipment of iron ore through Soo, 42; size, 42; clipping regarding, 43; log, 43; delivers locomotive, 44.
 umberian Exposition: mentioned, Apr., 22, Oct., 51; models of Columbus's ships shown, 42.
 umberus, Christopher: models of ships, Oct., 42.
 met, steamer: when and where built, Apr., 18-19; later history, 19; burned, 19.
 mmerce, steamer: embarks, Oct., 37; collides with *Dispatch*, 37; passengers, 37; casualty, 37, 38; wreck, 37-40; captains blamed, 38; raised, 40; rebuilt and renamed, 40.
 mmerce and trade: Canadian interest in, Apr., 14; early attempt to reach seaport, Oct., 2; freighters mentioned, 43; importance of

merchant shipping, 60; on Great Lakes, Apr., 43-44; statistics, 43; use of boats, Oct., 2; with Europe, 12-13; with Indians, 15; see also Cargo.
Conemaugh, propeller: listed, Oct., 54.
 Conley, —, Alderman: on *Madeira Pet*, Oct., 11.
 Conley, —, Lt.-Col.: on *Madeira Pet*, Oct., 11.
 Conneaut, Ohio: mentioned, July, 55; boat leaves, July, 12.
Connecticut, gunboat: chases *Chicora*, Oct., 45.
Connecticut: mentioned, Jan., 17.
Conquest, schooner: on Lake Ontario, Apr., 34.
 Conro, A.: mentioned, Apr., 20.
Constitution, tug: listed, Oct., 57.
 Cook, —, captain on Goodrich line, Apr., 22.
 Cook, S. B.: lighthouse keeper, Jan., 45.
 Copper: see Ontonagon copper boulder.
 Cork, Ireland: Kane emigrates from, July, 37.
 Corn: cost, Oct., 15.
Corona, steamer: launched, Apr., 21; sold, 21; burned, 21.
 Cost: of provisions, Oct., 15.
 Cottrell, Eber Ward: consulted, Jan., 32.
 Covell, David R.: rector of Mariner's Church, Apr., 48.
 Cowan, Henry: mentioned, Apr., 13.
 Craigellachie: last spike of C.P.R. driven at, Jan., 6.
 Crang, William: captain of *Madeira Pet*, Oct., 7; before Chicago Board of Trade, 8; permits examination of ship's papers, 10; opinion on time of voyage, 10; appraisal of, 10; toasted, 11; praised, 13.
 Crawford & Price: mentioned, July, 42.
 Crimea: regt. sent from Canada to, Oct., 39.
 Croghan, —, Col.: on board schooner, July, 17; goes fishing, 17.
 Croghan, George: journal cited, Apr., 3, 6.
 Crosby Line: mentioned, July, 15.
Cruising Yacht, by Morley Cooper: reviewed, July, 60.
Crusader, tug: listed, Oct., 57.
 Crutchley, Charles, Col.: married to Eliza Harris, Oct., 39; mentioned in diary, 40, footnote.
 Currency: Canadian and U. S. rates, Oct., 17.
 Curry, Peter: reference to expense account, Oct., 17.
 Cuthbertson, George: mentioned, Jan., 41; elected trustee of G.L.H.S., July, 56.
 Cuyahoga River: mentioned, Jan., 13, 14, 16, Apr., 3, Oct., 41.
 Cuyahoga Wrecking Co.: wins government contract, July, 51.
 Cuyler, —, Lt.: heads relief party, Jan., 13; escapes from Indians, 14.
Cyclone, excursion steamer: Gene Herman porter on, Oct., 43.

- D. D. Calvin*, freighter: listed, Oct., 51.
- DE: revolutionary building method used, July, 22; difficulties of sailing to New Orleans, 22-23; winter trip to New Orleans, 23-25.
- D. R. Van Allen*, steam barge: operated by Capt. Thomason, Oct., 50.
- Daillon, Joseph de la Roche: early visitor to Lake Erie, Apr., 2.
- Dallas*, steamer: goes down St. Lawrence, Oct., 4.
- Dallier de Casson, —: mentioned, Oct., 20.
- Dalzell, —, Capt.: heads relief party, Jan., 14; insisted on sortie, 14.
- Dancey, L. D.: keeps entry book, July, 54.
- Dancey, Thomas B.: article by, July, 2-15; occupation, 56; on membership committee, Oct., 58.
- Daniel, Antoine: mentioned, Apr., 50.
- Dart*, tug: listed, Oct., 57.
- David Dows*: article on, by George E. Hardy, July, 54; largest sailing ship on Great Lakes, 54; history, 54; size, 54.
- Davidson, —, Lt.: missing, Jan., 15.
- Dean, Jewell R.: articles by, Jan., 18-30, Apr., 45-46; calendar compiled by, Apr., 43-44, July, 50-51, Oct., 52-53; answers query, 63; reference to statement of, July, 57.
- Dean Richmond*, schooner: built for trade with Europe, Oct., 6; described, 6; cargo, 6-7; trip to Liverpool, 7; sold, 7; importance of voyage, 9; criticism of Liverpool trip, 12; successful voyage, 13; illustration, 30.
- Deane, Gains: proprietor of Bridge Street House, Oct., 25.
- Death of Douglass Houghton*: poem by Marie Gilchrist, Apr., 36-37.
- Defoe, Harry J.: founder of shipbuilding company, July, 21.
- Defoe, Thomas J.: writes letter to INLAND SEAS listing boats built for World War II, July, 21, footnote.
- Defoe Shipbuilding Company: building record, July, 21 and footnote; output, 21-25; difficulties of winter delivery, 23-25.
- Delaware Indians: mentioned, Jan., 16; origin of name Yankee attributed to, July, 18.
- Dempwolf, Ralph W., Capt.: brief account, Oct., 56.
- Denver*, freighter: mentioned, Oct., 43.
- De Pere*: of Goodrich line, Apr., 21; later became *State of Michigan*, 21; lost, 21.
- Destroyer escorts: described, July, 21; illustration, 36.
- Detlefs, E.: captain of *Benham*, Oct., 57.
- Detroit*, sloop: listed, Oct., 15.
- Detroit, Mich.: mentioned, *passim*; Capt. Ward clears for New York from, Oct., 2; distance from Michilimackinac, 15; from Gros Point, 15; from Fort Erie, 16; Episcopal City Mission mentioned, Apr., 48; Marine Hist. Soc. holds first annual meeting in, July, 52; Geo. F. Porter in, 16; expedition leaves, 16; returns to, 20; post saved at, Jan., 13; receives power squadron charter, 39; relief reaches, 14; report of British armament at, Oct., 14-16; settlement mentioned, 60; St. Clair River steamers to, 43; illustration of harbor, Jan., 22.
- Detroit & Cleveland Navigation Company: describes *City of Detroit III*, Oct., 51; other boats built for, 51; boat chartered from, 50; purchases *Northwest*, Apr., 20; own *Northwest*, July, 53; replace it by *City of Cleveland II*, 53.
- Detroit & Windsor Ferry Co.: transport automobiles, Oct., 53.
- Detroit Historical Society: helps sponsor Marine Hist. Soc., July, 52.
- Detroit Public Library: mentioned, Apr., 48, 51, 52, Oct., 14.
- Detroit River: mentioned, Apr., 22, 45, Oct., 42, 57; boats in, Jan., 36; floating postoffice on, July, 51; *Kennedy* lies in, Oct., 47.
- Devine, Eric: compiles *Down the Hatch*, Oct., 63.
- Dewey, Thomas E.: mentioned, Oct., 41.
- Dewitt Clinton*, steamer: goes to aid of *Erie*, Jan., 41.
- Dillon, —: joins Kane, July, 38; leaves, 39.
- Disasters: early, on Lake Erie, Jan., 13-17; *Africa*, 4; *Algoma*, 3, 6, Oct., 48; *Alpena*, Apr., 20-21; *America*, Oct., 48; *Ann Arbor No. 4*, July, 13-14; *Asia*, 55, Oct., 47; *Atlanta*, Apr., 23; car ferry, July, 14-15; *Hamilton*, Jan., 12; *City of Winnipeg*, Oct., 48; *Comet*, Apr., 19; *Corona*, 21; *D. M. Clemson*, Jan., 18; *E. J. Buffington*, 29; *E. M. Foster*, Oct., 47; *Erie*, Jan., 41-42; *Griffon*, 45; *Harmonic*, Oct., 53; *Iowa*, Apr., 21; *James H. Reed*, Jan., 29; *Marquette and Bessemer No. 2*, July, 11-12; *May Queen*, Apr., 19; *Milwaukee*, July, 14-15; *Morning Star*, 53; *Muskegon*, 9-10; *Ocean Wave*, Apr., 48, July, 57; *Pere Marquette*, July, 12-13, 18; *Quebec*, Oct., 46; *Sea Bird*, Apr., 19; *William B. Davock*, July, 12; *Wisconsin*, Apr., 24.
- Discovery*, schooner: used early on Lake Superior, Oct., 45.
- Dispatch*, tug: listed, Oct., 27.
- Distances: listed, Oct., 15.
- District of Columbia: mentioned, Jan., 38.
- Dixon*: listed, Oct., 48.
- Dole, —: appointed to escort *Madeira Pet*, Oct., 8, 11.
- Dolphin*, schooner: trip from Buffalo to New Orleans, Oct., 3.
- Dominion*, freighter: listed, Oct., 51.
- Don Juan*, ship: query change of name, Jan., 42.
- Donald W. Wolf*, steamer: makes record winter trip, July, 25.
- Dorchester, Lord: mentioned, July, 58.
- Dorr & Jones: investment house, July, 16.
- Dowling, Edward J., S.J.: gives talk before Marine Hist. Soc., July, 52.

on the Hatch, comp. by Eric Devine: reviewed by P. W. McDermott, Oct., 63.
 ———, Capt.: takes *Dolphin* from Buffalo to New Orleans, Oct., 3.
dge: listed, Oct., 54.
 Eschen, Ont.: cargo from, July, 55.
 Hammond Island: mentioned, Apr., 49;
 expedition heads for, July, 18; unfortunate condition of Indians on, 18; property of U. S., 18; Britain uses as military post, 18.
 Eck Lake: government stores seized, Jan., 5.
 Luth, Minn.: mentioned, *passim*; boat terminal, Oct., 50; becomes Goodrich port, Apr., 50; cadets have shore leave at, Oct., 52; expedition arrives at, July, 19; Inman Line established in, Oct., 48; used as boat terminal, 49; view of harbor, July, 32.
 Luth and North Shore Line: boats belonging to, Oct., 47.
 Luth, South Shore & Atlantic Railroad: mentioned, July, 4.
 Ambarton Oaks: mentioned, July, 58.
more, schooner: British sailors desert from, Oct., 14; described, 15, 16; crosses bar, St. Clair River, 15.
 nn, ———: on *Madeira Pet*, Oct., 11.
 rkin, J. H.: mentioned, Apr., 13.
 tton, Fred W.: on membership committee, Oct., 58.
 tch East Indies: mentioned, Oct., 18.
 er, ———, mayor of Chicago: mentioned, Oct., 8.
C. Pope, propeller: breaks record, Oct., 42.
E. Johnson, propeller (formerly *Maricopa*): purchased, Apr., 44.
K. Collins, steamer: has engine of *Caspian*, July, 53.
M. Foster, propeller: listed, Oct., 47; foundered, 47.
M. Peck, tug: owned by Mr. Benham, Oct., 57; renamed, 57.
P. Kirtland, schooner: Capt. Wells on, July, 43; Capt. Wells in charge of, 44; his last voyage on, 55; illustration of, 35.
W. Oglebay, propeller: listed, Oct., 55.
 gle Pass: mentioned, Jan., 6.
 gle River: mentioned, Apr., 36.
ly disasters on Lake Erie: article, Jan., 13-17.
ly maps of Michigan: reviewed by Gordon W. Thayer, Oct., 59.
 st India Company: built iron ships early, Jan., 36.
 ston, passenger steamer: run, Oct., 50.
 er Ward, propeller: listed, Oct., 54.
McWilliams, schooner: listed, Oct., 55.
 linburgh, Perth & Dundee Railroad: use first car ferry, July, 3.
 ward Smith, propeller: listed, Oct., 55.
 ills' Point, Ohio: mentioned, Jan., 15.

Elfin Mere, propeller: listed, Oct., 54.
Eliza Mary, schooner: sails for Liverpool, Oct., 6.
Elizabeth, schooner: on Lake Ontario, Apr., 34.
Ella Smith, steamer: listed, Oct., 47.
Elliott, William E.: brief sketch, Apr., 23.
 Ellsworth, Harry G.: collector, Jan., 35; obituary, Apr., 53.
Elusive, minesweeper: towed by *Mackinaw*, Apr., 40.
Elva, steamer: query regarding, July, 57.
Emblem, schooner: goes to aid of *Ocean Wave*, July, 57.
 Emigration: to West, July, 54.
Emily P. Weed, propeller: listed, Oct., 55.
 Emmons, George F., Lt.: citation, Apr., 34, footnote.
 Emmons, Jed: member of Jackson Mining Company, Oct., 23.
Empress of India, steamer: Capt. Wells master of, July, 42.
Engineer, The: article by R. W. England, Apr., 11-13.
 England: mentioned, Apr., 14, 50.
 England, Capt. R. E.: etching by, Jan., 23.
 England, Richard W.: Apr., 53; captain of *Japan*, Jan., 10; quoted, 10-11; articles by, Jan., 36-37; Apr., 11-13; on membership committee, Oct., 58.
 English: on Gt. Lakes, Jan., 13.
Erie, steam-boat: fire discovered, Jan., 41; *Dewitt Clinton* to rescue, 41; list of persons lost, 41-42; saved, 42; illustration of burning of, 24.
 Erie, Pa.: mentioned, Jan., 8, 45; *Michigan* built at, 36; *Wolverine* at, Apr., 46.
 Erie and Ohio Canal: mentioned, Oct., 4.
 Erie Bay: illustration of government fleet in, Apr., 28.
 Erie Canal: mentioned, Jan., 31, July, 58, 59; Capt. Ward profits by opening of, Oct., 2-3; diverts trade from St. Lawrence, 3; first boat through, Jan., 32; *St. Clair* reaches salt water via, Oct., 3.
 Erie Railroad: package freight steamers, Oct., 42.
Erin, freighter: listed, Oct., 51.
 Erskine, William: agent, Oct., 15.
 Ernst, William A.: member of Jackson Mining Co., Oct., 23.
 Escanaba, Mich.: mentioned, Oct., 44; ore loading dock to be dismantled, July, 51.
Ethel J., barge (formerly *George H. Corliss*): purchased, Apr., 44.
Eureka, bark: leaves Cleveland for California, Oct., 5.
Europe, freighter: listed, Oct., 51.
 Europe: desirability of trade with, Oct., 12-13.
 Evans, E. T.: responsible for ship construction, Jan., 8.
 Evans, G. V.: elected to office, Apr., 44.

- Evans, J. C.: responsible for ship construction, Jan., 8; builds *Merchant*, 8.
- Everett, Clark Ray: aid acknowledged, Oct., 23, *footnote*.
- Everett, Philo Marshall: story of trip in 1845, Oct., 23-28; brief sketch, 23; marriage, 23; moves to Jackson, Mich., 23; with others plans to explore for minerals, 23; treasurer of Jackson Mining Co., 23; portrait, 32.
- Experiment*, steamer: utilized to raise *Commerce*, Oct., 40.
- Experiment*, steamer: Kane arranges passage on, July, 39.
- Exports: see Cargo.
- F. E. Spinner*, steam barge: rebuilt from *Quebec*, Oct., 46.
- Fair American*, schooner: on Lake Ontario, Apr., 34.
- Fairhaven, Mich.: mentioned, Jan., 35.
- Fairport Harbor Historical Society: mentioned, Apr., 48.
- Fairport lighthouse*, by Donna L. Root: Apr., 48; museum at, 48.
- Famous American Naval Officers*, by C. L. Lewis: reviewed by J. W. Beswick, July, 62.
- Farragut, David, Admiral: mentioned, Apr., 41.
- Farrand, Fairchild: member of Jackson Mining Co., Oct., 23.
- Fashion*: listed, Oct., 55.
- Fedora*, propeller: listed, Oct., 54.
- Feinstein, L.: interpreter for Russian engineers, July, 50.
- Felicity*, sloop: mentioned, Apr., 4; crosses bar, St. Clair River, Oct., 15; carries wood to Detroit, 15.
- Fenians: mentioned, Jan., 36.
- Feller, Bob: mentioned, Oct., 41.
- Ferdinand Schlesinger*, propeller: built by Wolf and Davidson, Oct., 43.
- Ferries: used by railroads, July, 2-15; difficulties of navigation, 3; first use, 3; first use on Lake Michigan, 3-4; difference between lake and Straits ferry, 4; between Chicago and Peshtigo Harbor, Wis., 4; J. H. Ashley plans first across Lake Michigan, 4; difficulties encountered, 5; service started by Grand Trunk Western R. R., July, 8; few disasters, 9; safety of, 9; first casualty, 11-12; Flint and Pere Marquette build car ferries, July, 7; build model car ferry, 7.
- Fessenden*, revenue cutter: in Detroit River, Jan., 36.
- Fetting, William: mentioned, Apr., 13.
- Feuchter, Clyde E.: article by, Apr., 33-35.
- Fick, H. M.: captain of *Wm. H. Moore*, Oct., 57.
- Fifty years ago on the Lakes*, by Gordon W. Thayer: Oct., 41-44.
- Fighting ships from Bay City*, by B. C. Brennan: July, 21-25.
- First lighthouse on the Great Lakes*: by Lillian Benson: Apr., 14-17.
- Firth of Forth: mentioned, July, 3.
- Fitch, John: operates steamboat, Oct., 61.
- Fleming, Roy F.: article by, July, 37-41; elected trustee of G.L.H.S., 56; writer on lake history, 56.
- Flexner, James Thomas: book by, reviewed, Oct., 61-62.
- Flint & Pere Marquette No. 1*, steamer: built July, 7.
- Flint & Pere Marquette No. 2*, steamer: built July, 7.
- Flint & Pere Marquette No. 3*, steamer: added to fleet, July, 7; later called *Pere Marquette 3*, 7; crushed in ice, 7.
- Flint & Pere Marquette 4*, steamer: added in 1888, July, 7.
- Flint & Pere Marquette 5*: added in 1890, July, 7; listed, Oct., 55.
- Flint & Pere Marquette Railroad: adopt ferry service, July, 6-7; build steamers, 7; build car ferries, 7; merge with Chicago & Western Michigan Railroad, 7.
- Floating postoffice: see Postoffice, Floating.
- Flood, —, Capt.: in command of *Ogontz*, Apr., 18.
- Florence, Wis.: mentioned, July, 62.
- Fond du Lac, Wis.: mentioned, Oct., 50; Indians from, July, 18.
- Fontanne, Lynn: farm mentioned, July, 59.
- Foote, James F.: captain of *Carmona*, Oct., 50.
- Ford, Henry: mentioned, July, 60.
- Ford Motor Co.: government requisitioned barges of, Oct., 63.
- Forest City*, steamer (formerly U. S. steamer *Montauk*): history, Oct., 50.
- Fort Brady, Mich.: mentioned, July, 50; described, Oct., 26.
- Fort Dearborn: Chief Assikinack leads attack on, July, 39.
- Fort Erie: mentioned, Apr., 14.
- Fort Frontenac, Ont. (now Kingston): mentioned, Jan., 16.
- Fort Gary: mail for, Oct., 45.
- Fort George, Ont.: mentioned, Apr., 14; supplies forwarded to, 15; to supply workers, 16; no longer military post, 17.
- Fort Gratiot: mentioned, July, 17.
- Fort Malden: mentioned, Apr., 14; Indians receive bounty at, July, 18.
- Fort Miami: cost, Oct., 16.
- Fort Mississauga, Ont.: mentioned, Apr., 17.
- Fort Niagara: mentioned, Jan., 17, Apr., 14.
- Fort Prairie du Chien: mentioned, Apr., 49.
- Fort Riall, Ont. (later Fort Mississauga): mentioned, Apr., 17.
- Fort St. Joseph, Ont.: mentioned, Apr., 2; built by British, 49.

Wayne, Ind.: formerly Miami, Jan., 13; mentioned, July, 52.

William, Ont.: mentioned, Jan., 35, Apr., July, 54, Oct., 20, 29, 46, 50; boat terminal, Oct., 53; C.P.R. changes terminal, 49; fleet terminal, Jan., 7; grain center, Oct., 52; ships at, 45-51; steamers call at, 51.

er, —: captain on Goodrich line, Apr., 22.

William Sherwood: president of Univ. of eastern Ontario, Oct., 58; article by, 18-22.

Indians: meet at Sault Ste. Marie, Oct., 26.

ce: mentioned, Apr., 16, *footnote*, 50, 51.

es Smith, steamer: listed, Oct., 48; mentioned, Jan., 4.

Armstrong, steamer: size, Apr., 45; illustration, 27.

D. Ewen, propeller: listed, Oct., 54.

J. Peterson: recovered, Jan., 30.

W. Wheeler, propeller: listed, Oct., 54.

lkfort, Mich.: mentioned, July, 33; attempt to contact distressed vessel, 13; in contact with, 13-14; railroad terminal, 4; cargo ferried from, 5.

uklin, —: captain for Goodrich line, Apr., 1.

B, tug: listed, Oct., 54.

McBrier, steamer: listed, Oct., 54.

Pabst, propeller: built by Wolf and Davidson, Oct., 43; Gene Herman porter on, 43.

man, F. H. mentioned, Oct., 5.

ght: see Cargo.

ch, Chas. W.: letter by, Oct., 56.

ch River: mentioned, Jan., 13.

ch voyageurs: followed Indian route, Jan., 1.

aman, Charles E.: elected trustee of G.L.S., July, 56.

and, Ben: crane operator, Jan., 20.

ov, S.: visits Great Lakes ports, July, 50-51.

tenac, steamboat: launched, Apr., 50.

atenac, Louis de B.: mentioned, July, 58.

ng Pan Island: mentioned, July, 18.

on, Robert: experiment with steamboat, Oct., 61; accomplishment, 62.

H. Warmington, schooner: leaves Ashtabula harbor, July, 46; grounded, 47; sold, 47; condition, 47; freed, 48; returns to Cleveland, 48.

R. Gray, tug: formerly the *Bismarck*, Apr., 45.

re, Thomas, Gen.: mentioned, Jan., 16, 17.

atea, schooner: listed, Oct., 54.

inée, René Bréchant de: gave first narrative of Lake Erie exploration, Apr., 2; work cited, 4; mentioned, Oct., 20.

lup, Milton N.: member of Marine Museum committee, Jan., 39; on membership committee, Oct., 58.

rdner, Nelson: captain of *Rocky Mountain*, July, 43.

Garnier, Father: mentioned, Apr., 50.

Gaskin, Robert: captain of *Sophia*, Oct., 5; captain of schooner *Cherokee*, 6; of *Cataraqui*, 6; of *Eliza Mary*, 6.

Gaspé: mentioned, Oct., 21.

Geist, Walter: mentioned, Oct., 41.

General Burnside, tug: listed, Oct., 57.

General Missionary of northwestern lakes: Apr., 8, 10.

General Pike, frigate: naval vessel, Apr., 33; on Lake Ontario, 34.

General Scott, steamer: explorers board, Oct., 25.

George, —, Capt.: early attempt to navigate St. Lawrence upstream, Oct., 3.

Geo. A. Cox, steamer: wrecked, Oct., 51; total loss on first trip, 51.

Geo. A. Graham, steamer: listed, Oct., 47; wrecked, 47.

Geo. B. McClellan, tug: listed, Oct., 57.

Geo. E. Brockway, tug: listed, Oct., 57.

George F. Porter and the second Cass expedition: article by J. Henry Porter, July, 16-20.

Geo. F. Williams: listed, Oct., 54.

Geo. H. Parker, tug: listed, Oct., 57.

George H. Corliss, barge: mentioned, Apr., 44.

Geo. M. Bibb, U. S. revenue cutter (later named *Pentagoet*): sails for New Orleans, Oct., 4.

Geo. M. Dallas, revenue cutter: July, 43.

George M. Humphrey, freighter: raising of, Jan., 18-30; raised, Oct., 63; illustration, Jan., 27.

George Stephenson, propeller: listed, Oct., 55.

George Stone, propeller: listed, Oct., 55.

George W. Morley, propeller: listed, Oct., 54.

George W. Roby, propeller: listed, Oct., 54.

Georgia, freighter: listed, Oct., 51.

Georgia (formerly *Ludington*): account of, Apr., 22.

Georgian, steam barge: listed, Oct., 48.

Georgian Bay: mentioned, Jan., 3, 4, 7, 43, July, 37, Oct., 6, 21; *Asia* lost in, July, 55, Oct., 47; Bruce peninsula obstacle to, 18; portage route to, 19.

Georgian Bay Canal: mentioned, Oct., 7.

Georgiana, schooner: goes to aid of *Ocean Wave*, July, 57.

Gerlach, William: goes to Ashtabula Harbor to investigate damage to schooners, July, 47; confers on grounded schooners, 48; returns to Cleveland on *Warmington*, 48.

Germany: mentioned, Oct., 18.

Ghent, schooner: on Lake Erie, Apr., 35.

Ghent Hincley, schooner: used in Cass expedition, July, 17.

Gibraltar Point (Toronto): mentioned, Apr., 14.

Gibson, David: obituary, Oct., 57.

Gilbert, W. J.: congratulated, Oct., 7; toasted, 11.

Gilchrist, Marie E.: poems by, Jan., 31-32, Apr., 36-37; books by, featured, Jan., 41.

Gillies Lake: mentioned, Oct., 19.

Glad Tidings: gospel ship, Apr., 8-10.
Glad Tidings 4: query regarding, July, 57.
Gladiator, tug: listed, Oct., 57.
Gladstone, steamer: mentioned, Oct., 43.
Gladstone, Mich.: ferry service to, July, 6.
Gladwyn, Henry, Major: warned of Pontiac's conspiracy, Jan., 13; strengthens garrison, 14; hardships endured, 16.
Glasgow, Scotland: *Algonquin* built at, Oct., 51.
Glenfinlas, propeller: listed, Oct., 48.
Glengarry, steam barge (formerly *Argyle*): tows *Minnedosa*, Oct., 48.
Globe Iron Works: mentioned, Oct., 53.
Globe warehouse: sold, Oct., 53.
Gobeille, H. L.: elected to office, Apr., 44.
Goderich, Ont.: mentioned, Oct., 20; boat stops at, Oct., 49; shipping record, 1882, July, 54-55; steamers call at, 54.
Gogebic, propeller: listed, Oct., 54.
Golden Stone: see Ontonagon copper boulder.
Goodman, Mrs. Margaret Campbell: information wanted on, Apr., 48.
Goodrich, Albert E., Capt.: head of Goodrich line, Apr., 18; sketch, 18; plans to expand line, 18; builds own boats, 18; has Bates build boats, 19; contracts with Rand, 19; partner in firm, 20; extensive dock properties, 22.
Goodrich, Albert S.: mentioned, Apr., 23; disposes of interest in line, 24.
Goodrich dock: illustration, Oct., 35.
Goodrich Line: article by, R. G. Plumb, Apr., 18-24; mentioned, July, 7.
Goodrich Transit Co.: mentioned, July, 51.
Goodrich Transportation Co.: formerly the Milwaukee, Sturgeon Bay and Green Bay Trans. Co., Apr., 20.
Goose Island, Chicago River: mentioned, Apr., 10, July, 56.
Gordon, R. T.: in charge of arrangements, Oct., 7; toasted, 11; praised by *Press*, 11.
Gordon, W. J.: referred to, July, 42.
Gore, steamer: on Georgian Bay, July, 37; Kane misses, 37; overtakes, 37.
Gorrell, James: mentioned, Apr., 3; work cited, 6.
Gospel Ship: mentioned, July, 57; described, Apr., 8; sold, 9; second, 8-9; third, 9-10; fourth, 10.
Gotham's Rangers: formed relief party, Jan., 14; boat preference, 14, *footnote*.
Gould, Francis E., Capt.: mentioned, Jan., 24; gift to society, 41.
Goulder, Holding & Masten: law firm, Oct., 55.
Governor Smith, propeller: carries freight, Apr., 12.
Gov. Tompkins, schooner: on Lake Ontario, Apr., 34.
Graham & Horne: mentioned, Oct., 47; boats belonging to, 47.
Graham's North Shore Line: founded, Oct., 4; boats belonging to, 48.
Grampus, bark: *Rocky Mountain* goes to rescue, July, 43; stow-away on, 43.
Grampus Bay: boats grounded in, July, 43.
Grand Haven, ferry: July, 8.
Grand Haven, Mich.: mentioned, Apr., 20, 22, 24; ferry bound for, July, 14; ferry terminal, 8.
Grand Haven-Milwaukee route: mentioned, Apr., 19.
Grand Island: Van Dyke plans to trap on, Oct., 27.
Grand Marais harbor: explorers reach, Oct., 2.
Grand Rapids, ferry: mentioned, July, 8.
Grand Rapids, Mich.: mentioned, Oct., 24; explorers reach, 25; population in 1845, 25.
Grand River: mentioned, Jan., 16; flotilla taken refuge on, 17; Indian trade on, Oct., 15.
Grand Trunk-Milwaukee Car-ferry Co.: lost boat, July, 14.
Grand Trunk-Pennsylvania Railroad: use Lake Michigan ferries, July, 2-15.
Grantham, Douglas: dies in wreck, Oct., 3; mentioned on monument, 40.
Gray (formerly *Traveler*), tug: still in use, Oct., 57.
Gray, James: book by, reviewed, July, 59.
Great Britain: obligations to, Oct., 61; Rush-Bagot agreement, Apr., 35; trade with South America mentioned, Jan., 4; immigration from, 5.
Great Lakes, by Harlan Hatcher: reviewed, Apr., 49-50.
Great Lakes: mentioned, Jan., 8, 9, 10, Apr., 13, 14, Oct., 62; Canadian interest in shipping, Apr., 14; fleet, Jan., 3; little attention to, July, 59; naval forces on, Apr., 33-35; new steamer on, Jan., 5; planned bibliography on, Apr., 2; total population of bordering states, Jan., 2; record winter run, July, 25; see also under individual names.
Great Lakes calendar: by Jewell R. Dean, Apr., 43-44, July, 50-51, Oct., 52-53.
Great Lakes Historical Society: mentioned, Jan., 43, Apr., 13, July, 42; founded, Jan., 2; aims, 2, Apr., 2; dues, Jan., 48; first annual meeting, Apr., 48; Capt. Dempwolf charter member, Oct., 56; deaths of members, Apr., 53, July, 51, Oct., 57; exhibits, Jan., 25, 41; endorses plan to save the *Wolverine*, Apr., 46; election of trustees, July, 56; gifts acknowledged, Jan., 40; hobbies of members, 33; Lake Carriers Association endorses, 39; Marine Hist. Soc. extends felicitations, July, 53; membership lists, Jan., 46-48, Apr., 54, 56, July, 63-64, Oct., 64; membership suggested as Christmas gift, Oct., 57; membership committee appointed, 58; of interest to members, July, 61; receives report on pres

ation of *Wolverine*, Apr., 46-47; letter
 dorsing, 47; requests copies of first issue
 INLAND SEAS, Oct., 58; to be beneficiary
 r., 45; welcomes data, Oct., 54.
 Lakes Lumber & Shipping, Ltd.: sells
 ts, Apr., 44.
Lakes News: Gene Herman editor of, Oct.,
 44; importance of, 42; contents, 42.
 Lakes Steamship Co.: Apr., 44.
 Northern Transit Co.: charters *Asia*, Oct.,
 combines with North Shore Navigation
 , 49.
Western, steamer: carries wheat to Buffalo,
 t., 4.
er Buffalo: size, Oct., 51.
er Detroit: size, Oct., 51.
 ce: mentioned, Oct., 18.
 n, James: extract from letter, Apr., 15;
 knowledges receipt of goods, 15; requests
 from Fort George, 16; informs Symington
 appointment, 16; orders separate quarters
 keeper, 17.
 n, Orv, Capt.: wins race, 43.
 n Bay: mentioned, Jan., 31, Apr., 18, 19,
 July, 4, 6, Oct., 2; Kane visits, July, 40.
 , Mrs. Hannah: camps at Saybrook, Ohio,
 ly, 46.
ound, steamer (formerly the *Northwest*):
 essenger boat, Apr., 20; on St. Clair River,
 ct., 43.
round Lines: purchase from, Oct., 58.
 yn: first ship on Lake Erie, Jan., 45, Apr., 2;
 ct., 45.
 Point, Mich.: distance from Detroit, Oct.,
 ; to bar, St. Clair River, 15.
ler, schooner: on Lake Ontario, Apr., 34.
riere, schooner: mentioned, July, 17.
 of St. Lawrence: mentioned, Oct., 5;
 ermans sink ships in, July, 50.
Houghton, propeller: listed, Oct., 54.
t. Hawgood, schooner: listed, Oct., 54.
V. Martin, tug: listed, Oct., 57.
 n's Grove: encampment, Jan., 16.
 dimand, Sir Frederick: mentioned, July, 58.
 , —: on *Madeira Pet*, Oct., 11.
 , Robert A.: revises Knight's *Modern*
amanship, Oct., 61.
 ey, William F., Admiral: mentioned, July,
 2.
ilton, schooner: on Lake Ontario, Apr., 34.
 ilton, Frank E., Capt.: collector of Gt.
 Lakes information and pictures, Jan., 35.
 ilton, Robert: mentioned, Apr., 15 and
otnote; urges erection of lighthouse, 15;
 apt. Nicolls referred to, 16.
 ilton *Spectator*: reports on wreck, Oct., 38;
 uoted, 39.
onic: listed, Oct., 49; destroyed by fire, 53.

Hancock, Mich.: mentioned, Jan., 8, 11.
Handy Boy, propeller: listed, Oct., 54.
 Hanna, M. A., Co.: mentioned, July, 50; de-
 velops mines, Oct., 53.
 Hanna, Marcus A.: mentioned, July, 50.
Hannah B.: listed, Oct., 54.
 Harding, Richard T. F.: contributes letter from
 files, Oct., 56.
 Hardinge, —, Lord: presents commission,
 Oct., 39.
 Hardy, George E.: article by, July, 54.
Harlem, propeller: impresses Gene Herman,
 Oct., 42.
 Harper, —: captain of *Experiment*, July, 39.
 Harris, Charlotte: mentions Lt. Radcliffe in
 diary, Oct., 39-40, *footnote*.
 Harris, Eliza Bayfield: married to Col. Crutch-
 ley, Oct., 39; mentioned, 40, *footnote*.
 Harvey, Charles T.: little attention to, July, 60.
 Hasbrouck, S. A.: mentioned, Apr., 20.
 Hastings, E. P.: member of Jackson Mining Co.,
 Oct., 23.
 Hatch, Henry, Gunner: commended, Oct., 38;
 recovers bodies, 40; arranges burial, 40.
 Hatcher, Harlan: author of *Lake Erie*, Oct., 59;
 book reviewed, Apr., 49-50.
 Haum, Charles: property of, mentioned, Jan.,
 16, *footnote*.
 Havighurst, Walter: mentioned, Jan., 41; Apr.,
 53, July, 57; article by, Apr., 8-10.
 Hawaii: mentioned, July, 42.
 Hawgood, Arthur H.: obituary, July, 51.
 Hawgood, Henry A.: mentioned, July, 51.
 Hawgood, William A.: mentioned, July, 51.
 Hawgood Steamship Co.: mentioned, July, 51.
 Hawley, Pink: attends Wayland Academy, Oct.,
 44.
 Hayes, Bully: see Hayes, William Henry.
 Hayes, Joseph: engineer, Apr., 12.
 Hayes, William Henry (Bully Hayes): account
 of, Apr., 41-42.
 Heckewelder, John: contribution to Lake Erie
 history, Apr., 3-4; work cited, 7.
Hecla, propeller: tows models of Columbus's
 ships, Oct., 42.
 He-Devil, Chief: sits for portrait, July, 40.
 Hennepin, Louis: mentioned, July, 58; gives
 account of *Griffon*, Apr., 2; reports on Great
 Lakes region, Oct., 59; work cited, Apr., 4.
 Henry, Dominic: appointed lighthouse keeper,
 Apr., 17; pay, 17.
Henry Ainsworth, schooner: *Rocky Mountain* goes
 to rescue of, July, 43.
Henry C. Richards: mentioned, Oct., 57.
Henry H. Kent, schooner: pays large tow bill,
 Oct., 57.
Hercules, tug: listed, Oct., 57.
 Herkimer, Nicholas: mentioned, July, 58.

- Herman, Eugene: early days on the lakes, Oct., 41-44; popularity, 41; office, 41; collector of Great Lakes material, 41; editor of *Great Lakes News*, 41; sketch, 42-44; attends Wayland Academy, 44; many interests, 44; portrait, 32.
- Herodotus: quoted, Oct., 12-13.
- Hiawatha: various names for, Jan., 44.
- Hidalgo, cargo vessel: winter run, Apr., 39.
- Hilda, barge: mentioned, July, 57; used to raise *George M. Humphrey*, Jan., 20, Oct., 63.
- Hill, Frederick F.: elected trustee of G.L.H.S., July, 56.
- Hill, James J.: member of syndicate, Jan., 3.
- Hill, Samuel W.: noted for swearing, July, 60.
- Hillman, James: letter cited, Apr., 4, 7.
- Hiram R. Dixon, propeller: listed, Oct., 48.
- Hiram Warner, tug: sent for *Madeira Pet*, Oct., 8.
- Hirschfeld, James A., Commodore: succeeds Capt. Dempwolf, Oct., 56; record, 56; speaks at meeting, Apr., 44.
- Historic St. Joseph Island*, by J. and E. Bayliss: reviewed, Apr., 49.
- Historic Sites and Monuments Board of Canada: place tablet, Apr., 17.
- Holme, Young and Knapp: mentioned, Oct., 5.
- Home Rule*, tug: listed, Oct., 57.
- Houghton, Douglass: ballad on, Apr., 36-37.
- Houghton, Mich.: mentioned, Oct., 47; boat terminal, 50, 51.
- Howard, —, Capt.: in command of *Jefferson*, Oct., 4.
- Hoyt, Harlowe: attends Wayland Academy, Oct., 44.
- Hudson*, freight steamer: impresses Gene Herman, Oct., 42; described, 42.
- Hudson Bay Co.: mentioned, July, 39, Oct., 46; boats belonging to, 45.
- Hudson River: mentioned, Jan., 31.
- Hunter, —, Capt.: sails for Liverpool, Oct., 4.
- Hunter, Peter, Lt.-Gen.: mentioned, Apr., 16, footnote; on tablet, 17; orders light from England, 14.
- Hurlbut, —: accompanies expedition, July, 18.
- Huron*, schooner: mentioned, Apr., 3.
- Huron*, steamer: Ward line disposes of, Apr., 18; Goodrich buys, 18; daily trips, 18; mentioned, 19; illustration, 26.
- Huron, Ohio: mentioned, July, 43.
- Huron Indians: mentioned, Apr., 50; meet at Sault Ste. Marie, Oct., 26.
- Huron River: flows through Milan, Ohio, Oct., 56.
- Huronic*: listed, Oct., 49.
- Hurston, G.: mentioned, Apr., 20.
- Hutchins, Thomas: contribution to Lake Erie history, Apr., 3; work cited, 7.
- Hutchinson & Co.: salvaged steamer under management of, July, 50.
- Hyacinth*, tender: decommissioned, Oct., 53.
- I. U. Masters*, tug: listed, Oct., 57.
- I. Watson Stephenson*, propeller: listed, Oct., 57.
- Iberian Peninsula: used as comparison, Oct., 18.
- Icebreaker Mackinaw*: article, Apr., 38-40.
- Illinois*: used by Goodrich line, Apr., 24.
- Illinois*: mentioned, Oct., 3, 13.
- Illinois River*: July, 22.
- Illustrations: Admiral Ernest J. King as navy cadet, July, 29; *The Algoma*, Jan., 26; *The Assiniboia*, 26; Burning of the *Erie*, 1841, 26; Capt. Justus O. Wells, July, 34; Capt. H. C. Inches, Apr., 27; Chicago harbor, 25; *Christopher Columbus*, 26; Cleveland harbor, Oct., 33; Detroit harbor, 1794; Jan., 22; Duluth harbor, July, 32; elevation of first lighthouse on Great Lakes, Apr., 32; Eugene Herman, Oct., 32; *The Frank Armstrong*, Apr., 26; George Flagg Porter, July, 29; *The George M. Humphrey*, Jan., 27; Government fleet, Apr., 28; Great Lakes buoy, 30; G.L.H.S. exhibit, Jan., 25; Group picture showing Indian chiefs, Oct., 34; Historic site marker, Apr., 32; Ice-breaker *Mackinaw*, 29; *The Irving S. Olds*, Jan., 27; *Japan*, 28; Kane's painting of Indian encampment, July, 31; *Madeira Pet*, Oct., 36; Maumee Bay range lights, Apr., 30; Milwaukee River, Oct., 30; *The New Orleans*, Apr., 31; 157-foot LCI (Landing Craft Infantry), July, 36; Paul Kane's portrait of Indian chief, 31; Philo Marshall Everett, Oct., 32; Porter, Buffalo, Jan., 21; Schooner *Dean Richmond*, Oct., 30; Schooner, *E. P. Kirtland*, July, 30; Sketch of Jackson Iron Co. dock, Oct., 30; Soo Line dock in 1894, 31; Specimen showing of Porter's diary, July, 30; S. S. *Huron*, Apr., 26; Steamer *Ann Arbor* 4, July, 33; Steamer *Manitoba*, Oct., 29; Steamer *Ontario*, 29; Steamer *Pere Marquette* 22, July, 33; 3-inch gun destroyer escort, 32; U. S. S. *Michigan*, 1844, Jan., 23; View of Sackett's Harbor, N. Y., Apr., 32.
- Inches, H. C., Capt.: names G.L.H.S. in will, Apr., 45; builds models of representative ships, 45; collection described, 45-46; sketch of, 46; another hobby, 46; quoted, 46; membership committee, Oct., 58; portrait, Apr., 27.
- Inches, J. R., Capt.: father of H. C. Inches, Apr., 46.
- Inches ship collection*, *The*: article by Jewell I. Dean, Apr., 45-46.
- Independence*, steamer: on Lake Superior, Oct., 41.
- India*, steamer: launched, Jan., 8; still remembered, 8; well built, 8; popularity, 8; size, 8; speed, 9; described, 9, 10; sold, 11; name changed, 11; resold, 12; name restored, 12; reduced to barge, 12; taken over by govt., 12; abandoned, 12.
- India: mentioned, Oct., 18.

ana: final use of, Apr., 22.
 iana: mentioned, Jan., 16.
 ians: activity around Lake Erie, Oct., 60;
 county paid to, July, 18, 38, 39-40; dances,
 9; fear south shore of Lake Erie, Jan., 13;
 urther at Michillimackinac Island, July, 39;
 old John Fitch captive, Oct., 62; in Sau-
 een, Ont., July, 38; Kane paints, July, 38;
 ave traces, Oct., 19; maintain villages, 19;
 meet at Sault Ste. Marie, 26; on Drummond
 land, July, 18; on Mackinac Island, Oct.,
 5; portraits of chiefs, 34; steal supplies, Jan.,
 7; trade, 19; treaty with, July, 19; under-
 standing of, Apr., 51; use of birch-bark, July,
 9; visited by Kane, 37; illustration of, 31.
 lustrics: July, 60, 62; lumber, Jan., 9; min-
 ing, 9.
 and Seas: backs plea to save *Wolverine*, Jan.,
 96; request for copies of first issue, Oct., 58;
 receives report on boats built for World
 War II, July, 21, *footnote*.
 man Line: founded, Oct., 48; boat operated
 by, 48.
 er-Ocean (Chicago): mentioned, Apr., 9.
 erlake Steamship Company: mentioned,
 Apr., 27, 45, 46.
 ernational Ship Masters Assoc.: sponsors
 meeting, Apr., 44.
 incible, schooner: used early on Lake Superior,
 Oct., 45.
 co, propeller, listed, Oct., 55.
 va (formerly the *Menominee*), propeller: lost
 Apr., 21.
 on ore: brought through Soo Canal, July, 42.
 on River: expedition reaches, July, 19.
 on sides, George, Capt.: successor to Capt.
 Anderson, July, 39; Kane paints, 39.
 quois, passenger steamer: run, Oct., 50-51;
 built for Arnold Co., 51; transferred to Seat-
 tle, Wash., 51.
 quois Indians: mentioned, Apr., 51; con-
 federacy mentioned, July, 58.
 aacs, Landis E., Lt.: endorses letter, Apr., 47.
 ands-Bay Steamship Line: mentioned, July,
 51.
 le Forest (Kingston, Ont.): mentioned, Apr.,
 14.
 le Royal: mentioned, Oct., 50; *Geo. A. Cox*
 wrecked on, 51; wreck near, 48.
 ing S. Olds: illustration, Jan., 27.
 thmus Bay: mentioned, Oct., 19.
 thmus of Panama: mentioned, Oct., 5.

P. Clark, tug: listed, Oct., 57.
 ckfish Bay: *Kincardine* wrecked at, Oct., 47.
 ckson, Andrew: mentioned, July, 58.
 ckson, Mich.: Everetts in, Oct., 23.
 ckson Iron Company: sketch of dock, Oct., 34.
 ckson Mining Company: formed, Oct., 23;
 secretary of war issues permits to, 23.

 Jacques Line: boats owned by, Oct., 47-48.
James H. Reed, steamer: sunk in collision, Jan.,
 29; demolished, 29.
James Nasmyth, schooner: listed, Oct., 55.
 Jamison, James K.: book by, reviewed, July, 61.
 Jansson, Juan: atlas, Oct., 59.
Japan, steamer: launched, Jan., 8; still remem-
 bered, 8; well built, 8; popularity, 8; size, 9;
 speed, 9; described, 9, 10; timetable of, 10-11;
 sold, 11; change of name, 11; illustration of,
 28.
 Jay, John: treaty negotiated by, Oct., 14.
 Jeffers, Mrs. Harland P.: on farm near Say-
 brook, July, 46.
Jefferson, brig: on Lake Ontario, Apr., 34.
Jefferson, propeller: sails down St. Lawrence,
 Oct., 4.
 Jefferson Co. Hist. Soc.: mentioned, Apr., 31.
 Jenks, Benjamin L.: short article by, Oct., 55-
 56.
 Jensen, James: member of Jackson Mining
 Co., Oct., 23.
 Jervoise, —: plays backgammon, Oct., 40,
footnote.
Jesse Spaulding, tug: listed, Oct., 55.
Jesuit Relations: contains first accounts of Lake
 Erie, Apr., 2.
 Jesuits: missions, Oct., 19; ruins of missions, 26.
 Jaques, Isaac: mentioned, Apr., 20, July, 58.
John A. Dix, steamer: illustration, Oct., 35.
John A. Francombe, schooner: listed, Oct., 54.
John A. Roebling, schooner: listed, Oct., 55.
John C. Fitzpatrick, schooner: listed, Oct., 55.
John Fritz, schooner: listed, Oct., 55.
John J. McWilliams, propeller: listed, Oct., 55.
John M. Nicol, propeller: listed, Oct., 54.
John Mitchell, propeller: listed, Oct., 54.
John N. Glidden, propeller: leaves Ashtabula
 harbor, July, 46; rides out storm, 47.
John Owen, tug: listed, Oct., 57; model of, Apr.,
 45.
John Plankinton, propeller: carries coal, Oct.,
 43; listed, 54.
John Prindiville, tug: listed, Oct., 57.
John Roen III, tug: towed wrecked freighter,
 Jan., 29.
John Sherman, schooner: used as ferry, July, 7.
John V. Moran, propeller: listed, Oct., 54; men-
 tioned, Apr., 12.
 Johnson, Crisfield: opinion cited, Jan., 14, *foot-*
note.
 Johnson, Guy: mentioned, July, 58.
 Johnson, Sir John: mentioned, July, 58.
 Johnson, Mehitable E.: marriage to Philo M.
 Everett, Oct., 23; birth, 23; moves to Jack-
 son, Mich., 23.
 Johnson, Sir Wm.: mentioned, Jan., 16; July,
 58; diary cited, Apr., 6; expedition, 3; fought
 Indians, Jan., 14; wrote to Gen. Gage, 17.
 Johnson Island: Civil War prison on, Jan., 36.

- Joliet, Louis: first recorded discovery of Lake Erie, Apr., 2; explorations mentioned, Apr., 51, Oct., 59.
- Jones, brig: on Lake Ontario, Apr., 34.
- Jones, John Paul: mentioned, 62.
- Jones & Laughlin Steel Corporation: ship ore from Clayton, N. Y., Oct., 53.
- Joseph L. Hurd, propeller: listed, Oct., 47; illustration of, Oct., 31.
- Joseph Paige, schooner: towed, Oct., 57.
- Joss, Addie: attends Wayland Academy, Oct., 44.
- Julia, schooner: on Lake Ontario, Apr., 34.
- Julia Palmer, steamer: first steamer to enter Thunder Bay, Oct., 45.
- Juliet: propeller: listed, Oct., 54.
- Junata: mentioned, Jan., 11.
- Jura, canal schooner: towed, Oct., 57.
- Justice Field, tug: listed, Oct., 57.
- Jutland: compared with the Bruce, Oct., 18; Germans conquer, 18.
- Kakabeka, steamer: listed, Oct., 47.
- Kalamazoo, Mich.: mentioned, Oct., 25.
- Kaloolah (later *Collingwood*), steamer: reaches Thunder Bay, Oct., 45.
- Kaministiquia, steamer: operated by Capt. Thomson, Oct., 50.
- Kaministikwia River: steamer enters, Oct., 46.
- Kane, Paul: painter of Indians, July, 37-41; his *Wanderings* referred to, 37; interest in Mississagu Indians, 37; desire to paint, 37; paints Indians, 38; paints Capt. Ironsides, 39; incident with Indian's dog, 40; second journey, 41; death, 41; exhibition of paintings, 41, illustration by, 31.
- Kansas, schooner: used by Goodrich line, Apr., 24.
- Katahdin, propeller: listed, Oct., 55.
- Kate Marks, tug: listed, Oct., 47.
- Kate Moffat, tug: listed, Oct., 57.
- Kate Williams, tug: listed, Oct., 57.
- Kauffman, P. Barton: endorses letter, Apr., 47.
- Keam, Elizabeth: marries J. C. King, July, 26.
- Keating, James, Sergeant: in War of 1812, Apr., 29.
- Keewatin, schooner: added to C.P.R. fleet, Jan., 7, Oct., 49.
- Kellerman, Annette: high diving, July, 12.
- Kelley's Island: mentioned, July, 55.
- Kelly, Ed., Capt.: misses course, July, 5.
- Kelly, Mrs. Miriam B.: review by, Apr., 50.
- Kelly, William: report by, reviewed, Jan., 45.
- Kendall, Harry C.: elected trustee of G.L.H.S., July, 56.
- Kennedy, tow barge (formerly propeller *Saronic*): lies in Detroit River, Oct., 47.
- Kennedy, Lloyd W.: endorses letter, Apr., 47.
- Kenny, Sister: mentioned, July, 59.
- Kenosha, Wis.: replaces Manitowak as port, Apr., 20; bodies from wreck found near, July, 15.
- Kent, L. H., Commander: heads training school, July, 3.
- Ker, Welsh & Co.: mentioned, Oct., 7.
- Kershaw, C. J.: interest in direct trade with Europe, Oct., 6; on *Madeira Pet*, 11.
- Kewaunee, Wis.: coal carried to, July, 5; mentioned, 6.
- Kewaunee *Enterprise*: quoted, July, 5, 6.
- Kewaunee, Green Bay & Western Railroad: coal ferried to, July, 5.
- Keweenaw, schooner: listed, Oct., 55.
- Kiel Canal: Germans build, Oct., 18.
- Kilty, —, Capt.: in command of *Pere Marquette 18*, July, 12; death, 12.
- Kincardine, steam barge: listed, Oct., 47; wrecked, 47; salvaged, 47.
- Kincardine, Ont.: mentioned, Oct., 20; *Cambria* stops at, 50; wheat from, July, 55.
- King Edward, steamer (formerly *Montauk*): run, Oct., 50.
- King, Ernest Joseph: boyhood of, July, 26-28; birth, 26; early fondness for sea, 26; desire to leave school, 27; first work, 27; partakes in class exhibition, 27; completes high school course, 27; desire to enter Annapolis, 27; early characteristics, 26, 27-28; central figure in World War II, 62; portrait, 29.
- King, James Clydesdale: arrives in Lorain, July, 26; marries Elizabeth Keam, 26.
- King, Marion M.: article by, July, 26-28; article mentioned, 62; occupation, 56.
- Kingsbury, —, Lt.: accompanies expedition, July, 18.
- Kingsbury, M. E.: mentioned, Apr., 13.
- Kingston, Ont.: mentioned, Jan., 16., Apr., 14, 50, July, 59, Oct., 3, 4, 5, 6, 10, 48.
- Kinsman Transit Co.: owner of freighter, Jan., 18.
- Kirtland, F. W.: secretary of Jackson Mining Co., Oct., 23.
- Kirtland, Jared: opinion cited, Jan., 14, *footnote*.
- Kittie Haight, tug: listed, Oct., 57.
- Kittie M. Forbes, propeller: listed, Oct., 54.
- Kiwanis Clubs: mentioned, Oct., 44.
- Knapp, fishing tug: aids *Chancey A. Morgan* in freeing grounded schooner, July, 48.
- Knight, Austin M.: author of *Modern Seaman-ship*, Oct., 61.
- Knudsen, E. C.: buys shipyard at Superior, Wis., Oct., 53.
- Kossuth, tug: conducts *Madeira Pet*, Oct., 11; delegation boards, 11.
- Ku-ke-wy-we-nau-ning Point: expedition arrives at, July, 19; minerals found, 19.
- Kyle, Eng.: *Madeira Pet* built at, Oct., 7.

I: navy crews sail on inland waters, July, 22; make trial runs, 25; illustration, 36.
C. Waldo, propeller: listed, Oct., 55.
P. Smith, tug: attempts to free grounded schooners, July, 47.
R. Doty, propeller: listed, Oct., 55.
 Suez Canal: mentioned, Oct., 10; enlarged, 11.
Sally of the Lake, schooner: on Lake Ontario, Apr., 34; only armed American ship, 35.
Savoyette: mentioned, Jan., 29.
 Fayette, Ind.: formerly Ouia Tenon, Jan., 13.
 Framboise, Joe: captain of *Champion*, Oct., 57.
Arganda, propeller: listed, Oct., 55.
 Montan, Baron: records describe Lake Erie, Apr., 2; work cited, 5.
 Harlan: builds *Chicora*, Oct., 45.
 Lake Carriers Assoc.: mentioned, July, 56; Geo. H. Warner director of, 50; Capt. Hawgood prominent in, 51; adopts resolution, Jan., 39; compiles statistics, Apr., 43.
 Lake Champlain: mentioned, Apr., 35.
Lake Erie, by Harlan Hatcher: reviewed by Elaine H. Stones, Oct., 59-60.
Lake Erie: mentioned, Jan., 32, Apr., 18, 23, July, 7, 22, 41, 51, Oct., 3, 10; British armament on, 14-16; coal shipments on, 2; disasters on, Jan., 13-17, July, 11-12; early beauty of shores, 46; first whites to see, April, 2; first accounts of, 2; freight rates on, Oct., 17; Harlan Hatcher authority on, 59; ice on, Apr., 40, 44; naval forces on, 33-35; on early maps, Oct., 59; safe route for Indian trade, 15; storm on, July, 46-49; source material for early history, Apr., 2-7.
Lake Erie Exploration to 1800: article by P. W. McDermott, Apr., 2-7.
Lake Huron, by F. M. Landon: reviewed, Jan., 43.
Lake Huron: mentioned, Jan., 18; Apr., 39, 49, July, 22, 41, 54, Oct., 10, 25, 57; Bruce peninsula described, 18-22; disasters, Jan., 4, Oct., 47; fish from, July, 55; Indian settlement on, 37; Indian encampment on, 38; on early maps, Oct., 59; storm on, July, 23-24; trial runs on, 25.
Lake Itasca: named by Schoolcraft, Jan., 44.
Lake Michigan, propeller: listed, Oct., 51.
Lake Michigan, by Milo M. Quaife: reviewed, Apr., 51-52.
Lake Michigan: mentioned, Jan., 18, 29, 36, Apr., 23, 24, July, 22, 39, Oct., 4, 10; cars carried on ferries, July, 2-15; disasters on, Jan., 29, Apr., 20-21; gospel ship on, 8; licenses required of captains, Oct., 43; original name of, Apr., 51; passenger travel on, 18-24; storm on, Jan., 30; territory west explored, July, 16; Ward withdraws from west shore of, Apr., 18; weather, July, 2; wreck on, Oct., 47.
Lake Michigan car-ferries yesterday and today: article by Thomas B. Dancey, July, 2-15.
 Lake Michigan and Lake Superior Transit Co.: boats owned by, Oct., 47.
 Lake of the Puants: original name of Lake Michigan, Apr., 51.
Lake Ontario, by Arthur Pound: reviewed, July, 58-59.
 Lake Ontario: mentioned, Jan., 5, 13, Apr., 14, 50, July, 22, Oct., 3, 4; commerce on, 43; disasters, Jan., 12, 17; naval forces on Apr., 33-35; on early map, Oct., 59; rich in historical lore, July, 58; war on, 62.
 Lake Pontchartrain: mentioned, Jan., 12.
 Lake St. Clair: mentioned, Jan., 43, July, 37, 38, Oct., 10; bar at mouth of river, Oct., 15; depth, 15; omitted on early map, 59.
Lake Superior, by Grace Lee Nute: reviewed, Apr., 52.
 Lake Superior: mentioned, Jan., 3, 4, 6, Apr., 19, 24, 39, July, 39, 41, 54, 59, 62, Oct., 15; boats on, 45-51; described, 27; disasters, Jan., 6, Apr., 19; gospel ship on, 8; minerals discovered near, Oct., 23; on early map, 59; steamer cleared for, Jan., 5.
 Lakewood, Ohio: mentioned, Jan., 15.
 Lalemant, Jerome: mentioned, Apr., 50; gives first record of Lake Erie, 2; work cited, 4.
 Landon, Fred: articles by, Jan., 3-7, Oct., 37-40; book by, reviewed, Jan., 43-44; books on display, 41; presents Goderich shipping record to G.L.H.S., July, 54; review by, Apr., 49-50.
 Lardner, Ring: articles by, mentioned, Oct., 63.
 Larson, Robert H.: article by, July, 52-53.
 La Salle, ferry: on Detroit River, Oct., 53.
 La Salle, Robert Cavelier, Sieur de: mentioned, Apr., 2, July, 58; influence on Gt. Lakes, 52; work cited, Apr., 5.
Lawrence, brig: on Lake Erie, Apr., 33, 34; present location requested, Oct., 63.
Lebanon: conducted through ice, Apr., 39.
 Ledyard, Henry: explorers meet, Oct., 26.
 Lees, John: mentioned, Apr., 3.
 Leith, George: references to, Oct., 17.
 Leith, Shepherd & Co.: own schooner *Nancy*, Oct., 15; issue broadside, giving freight rates, 16-17.
 Lenni Lenape Indians: mentioned, July, 18.
Letter B: Chicora built as, Oct., 45.
Leviathan, steamer: used as car ferry, July, 3; size, 3.
 Lewis, Charles Lee: book by, reviewed, July, 62; well prepared for writing, 62.
 Lewis, James O.: joins Cass expedition, July, 17.
 Lewis, Yankee: serves excellent meals, Oct., 24.
Light Ships: listed, Oct., 55.

- Lighthouses: first on Gt. Lakes, Apr., 14-17; estimate of cost, 16-17; erection of log-house for keeper, 17; actual cost, 17; in Buffalo, Jan., 37; now used by coast guard, 37; described, 37-38; Fairport, Apr., 48; at Long Point, Ont., Jan., 45; illustration of first, Apr., 32.
- Lillie, schooner: clears for Liverpool, Oct., 4.
- Lime Kilns Crossing: in Detroit River, Oct., 42.
- Lincoln, Abraham: Porter supporter of, July, 20.
- Little Western, steamer: burned, Apr., 9.
- Liverpool, Eng.: mentioned, Oct., 5-13, *passim*; cargo for, 4; *Madeira Pet* reaches Chicago from, 7-13.
- Livingstone, tug: listed, Oct., 57.
- Lizzie A. Law, schooner: pays large tow bill, Oct., 57.
- Lloyd's: appraisal of *Maderia Pet*, Oct., 10.
- London, Eng.: mentioned, Oct., 38.
- London, Ont.: mentioned, Oct., 37, 50; survivors of wreck reach, 39.
- Long Point, Ont.: menace to ships, Jan., 45; early history, 45; lighthouse at, 45.
- Long Point and its lighthouses, by J. A. Bannister: reviewed, Jan., 45.
- Longfellow, Henry W.: student under Schoolcraft, Jan., 44; Schoolcraft's influence, 44.
- Lorain, Ohio: mentioned, Apr., 44; in 1870's, July, 26; chief industries, 26; railroads aid development, 26; pride in Admiral King, 28; *Elusive* built at, Apr., 40; headquarters for shipbuilding, Oct., 53.
- Los Angeles harbor: mentioned, Apr., 23.
- Lotta Bernard, steamer: listed, Oct., 47.
- Lowe, John A.: elected trustee of G.L.H.S., July, 56.
- Loyalists: move to Canada, Apr., 14; to Ontario, July, 58.
- Lubbock, Basil: quoted, Apr., 41-42.
- Lubimov, R.: visits Great Lakes ports, July, 50-51.
- Ludington, propeller: built for Goodrich, Apr., 22; rebuilt and renamed, 22.
- Ludington, Mich.: mentioned, July 3, 11, 12, 13; ferry terminal, 7.
- Lulu Eddy, steamyacht: listed, Oct., 54.
- Lundy, John, Capt.: tugs operated by, Oct., 57.
- Lunt, Alfred: farm mentioned, July, 59.
- Luther Westover, steamer: listed, Oct., 54.
- Lycoming, propeller: listed, Oct., 54.
- Lyon, Lucius: operates salt plant, Oct., 25; explorers meet, 26.
- Lyons, Ralph J., Capt.: brief sketch, Apr., 44.
- Lyons, Mrs. Ralph J.: death, Apr., 44.
- Lyons, S. A., Capt.: daughter marries Capt. Inches, Apr., 46.
- M. F. Merrick tug: listed, Oct., 57.
- M. J. Mills, tug: listed, Oct., 57.
- Mabel Bradshaw, propeller: run, Oct., 50.
- Mabel Wilson, schooner: listed, Oct., 54.
- Macdonald, Sir John: prime minister, Jan., 3; returns to office, 3.
- Mac Farlane, Peter: mentioned, Apr., 36; saved in wreck, 37.
- Mackenzie, Alexander, prime minister: does nothing about trans-continental railroad Jan., 3.
- Mackinac, Mich.: mentioned, Apr., 49; liquor sold to Indians at, July, 40.
- Mackinac Island: mentioned, Jan., 8, 11, Oct., 51; expedition arrives at, July, 20; explorers visit, Oct., 25.
- Mackinac Transportation Company: use first car-ferries on Lake Michigan, July, 3-4.
- Mackinaw, listed, Oct., 55.
- Mackinaw, sloop: mentioned, Apr., 4.
- Mackinaw, icebreaker: article on, Apr., 38-40; aids ice bound ships, July, 25; breaks channel in ice, Apr., 43-44; cadets trained on, Oct., 52; distance travelled, Apr., 38; described, 38-39; accomplishment, 39-40; summer work 40; illustration, 29.
- Mackinaw City., Mich.: mentioned, Jan., 18, July, 4, 24.
- Mackintosh, Angus: reference to letter book of, Oct., 17.
- Maddock, A. R.: mentioned, July, 26-27.
- Madeira Pet*, schooner: chartered for voyage from Liverpool to Chicago, Oct., 7; account of trip, 7-13; described, 7; celebration in honor of, planned, 8; committee to escort, 8; enters Chicago River, 8; described, 8, 10; time of trip, 8, 10; celebration, 9; economic importance of trip, 9; details of trip, 10; prepares to return, 11; delegation accompanies, 11; *Chicago Magazine* quoted, 12-13; illustration, 36.
- Madeline Island (formerly St. Michael): expedition reaches, July, 19.
- Madison, ferry: mentioned, July, 8.
- Madison, frigate: naval vessel, Apr., 33; on Lake Ontario, 34.
- Madison, Wis.: mentioned, Jan., 42.
- Ma-dosh, Chief: boat builder, Oct., 26; boat described, 26; price, 27.
- Magnet, side-wheel steamer: listed, Oct., 48; carries settlers to Canadian Northwest, Jan., 4; Toronto eastward, 4.
- Mahan, A. T.: quoted, July, 61.
- Maitland, barge: mentioned, July, 57; used in raising freighter, Jan., 18-20, 30; used in raising steamer, Oct., 63.
- Maitland No. 1, car ferry: converted to barge Maitland, Oct., 63; query regarding, July, 57.
- Maize, schooner: mentioned, July, 54.

- Majestic*, propeller: used in opposition to C.P.R. and Beatty Lines, Oct., 49.
- Malay Peninsula: compared with the Bruce, Oct., 18.
- Man-gon-see: father of Tipo-keso, Oct., 27.
- Manila Bay: Austrian ship captured, Jan., 42.
- Manistiquie, Mich.: becomes ferry port, July, 6; vessel bound for, 14.
- Manitoba*, propeller: first steel ship built in Canada, Oct., 48; to replace *Algoma*, 48; to replace *Campana*, Jan., 6; W. S. Fox boards, Oct., 20.
- Manitoba*, steamer: mentioned, Oct., 20; when and where built, 29; calls at Goderich, July, 54; service between Sarnia and Thunder Bay, Oct., 46; wrecked, 46; later history, 46; illustration, 29.
- Manitou*, steamer: calls at Fort William, Oct., 51.
- Manitou Islands: shelter sought near, July, 14.
- Manitoulin*, steamer: replaced by *Asia*, Oct., 47.
- Manitoulin Island: formation of, Oct., 21; Kane sets out for, July, 38; reaches, 39.
- Manitowaning: village on Manitoulin Island, July, 39; *Experiment* arrives at, 39.
- Manitowoc*, sidewheeler: launched, Apr., 20; route, 20; made into barge, 20.
- Manitowoc*, Wis.: mentioned, Apr., 19, 21, 22, 26, July, 3, 8, 11; boats winter at, Apr., 20; ferry terminal, July, 7; Goodrich headquarters, Apr., 20; gospel ship built at, 10; monument in, 23; plan for ferry to, July, 6; *North-west* built at, 53; port, Apr., 20; radio message from, July, 13.
- Manitowoc County Hist. Soc.: mentioned, Apr., 26.
- Manitowoc Herald*: quoted, Apr., 18.
- Manitowoc River: mentioned, Apr., 22.
- Manitowoc Shipbuilding Company: build ferries, July, 8; purchase Burger interests, Apr., 22.
- Manners and customs: tavern, Oct., 25.
- Mansfield, *Hist. of Gt. Lakes*: cited, Oct., 3, footnote, 4, footnote, 5, footnote, 7, footnote.
- Marguerite*, tug: attempts to free grounded schooner, July, 47.
- Marian Teller*, tug: listed, Oct., 54.
- Maricopa*: see *E. E. Johnson*.
- Marigold*, tender: decommissioned, Oct., 53.
- Marine City, Mich.: mentioned, Oct., 2, footnote.
- Marine Engineers Beneficial Assoc.: work briefly reviewed, Jan., 45; erects monument, Apr., 23.
- Marine Hist. Soc.: mentioned, July, 56.
- Marine Historical Society of Detroit*: article by Robert H. Larson, July, 52-53.
- Mariner's Church, Detroit: pamphlet on, Apr., 48.
- Marji-Gesick: Indian, Oct., 27; portrait, 34.
- Mark, Thomas: on *Chicora*, Oct., 46.
- Marks, George T.: manager of steamship line Oct., 49.
- Mark's North Shore Line: founded, Oct., 47; boats owned by, 47.
- Marquette*, freighter: carries ore, Oct., 52.
- Marquette*, Mich.: mentioned, Jan., 8, 11, Oct., 34.
- Marquette*, Jacques: comes to Sault Ste. Marie, Oct., 26; explorations, Apr., 51, Oct., 59.
- Marquette & Bessemer No. 2*: disaster, July, 11-12.
- Marquette Historical Society: thanked for pictures, Oct., 23, footnote.
- Marshall, Mich.: mentioned, Oct., 24.
- Martin, J. B.: book by, reviewed, July, 60; gathers material for book, 60.
- Martin Swain*, tug: listed, Oct., 57.
- Mary*, steamer: on St. Clair River, Oct., 43.
- Mary Ann*, tug: listed, Oct., 47.
- Mary E. McLachlan*, schooner: listed, Oct., 55.
- Mary Groh*, propeller: listed, Oct., 47.
- Mary Martini*, steamer: listed, Oct., 54.
- Mason, George C.: lists ships built by F. W. Wheeler & Co., Oct., 54-55.
- Massachusetts: Jan., 38.
- Massilon*, schooner: injures *Madeira Pet*, Oct., 10.
- Masten, Frank: consulted, Oct., 55.
- Mastics, A. A.: member of marine museum committee, Jan., 39; on membership committee of G.L.H.S., Oct., 58.
- Matchedash Bay: mentioned, Oct., 19.
- Mather, —: on *Madeira Pet*, Oct., 11.
- Maticwant, Chief: Kane makes portrait of, July, 38.
- Maud S*, tug: listed, Oct., 54.
- Maumee Bay: new dock on, Oct., 52.
- Maumee River: mentioned, Apr., 3; flood on, July, 54.
- May Queen*, steamer: disaster, Apr., 19; engine transferred to Manitowac, 20.
- Maytham*, steamer: listed, Oct., 47.
- McBride*, brig: brings first shipment from Atlantic, Oct., 4-5; cargo, 5.
- McCannell, James, Capt.: record, Jan., 7; historian of Great Lakes shipping, 35; death, 7.
- McCannell, James, geologist, son of Capt. McCannell: collector, Jan., 35.
- McCauley, —: captain on Goodrich line, Apr., 22.
- McCloud, George, Capt.: confers on grounded schooners, July, 48; opinion on *Minch*, 48.
- McDermott, P. W.: article by, Apr., 2-7; occupation, 53; review by, 63.
- McDonald, Bert, Capt.: owns entry book, July, 54.
- McDonald, William A.: quoted, Jan., 33-34; book collection, 34; elected trustee of G.L.H.S., July, 56.
- McDougall, Alexander, Capt.: fame, Jan., 10;

- plans whaleback type of steamer, Oct., 51; owns *Christopher Columbus*, Apr., 23.
- McHenry, James: succeeds Timothy Pickering as Secretary of War, Oct., 14.
- McHenry Papers: described, Oct., 16.
- McIver, William, Capt.: once mate on *Manitoba*, Oct., 46.
- McKay, Robert, Capt.: in command of ill-fated ferry, July, 14.
- McKenney, Thomas: second in command of Cass expedition, July, 16; goes fishing, 17; works by, 17, footnote.
- McLean, —, Justice: addresses Grand Jury, Oct., 39.
- McMaster, Thomas P., Capt.: averts disaster, July, 11.
- McMurtrie, Douglas C.: reprints broadside, Oct., 16.
- McNeff, John: captain of *Samson*, Oct., 57.
- McPherson, Crane & Co.: owners of *Commerce*, Oct., 37.
- McRae, J. R.: mentioned, Apr., 13.
- McSwain, —: captain of *Despatch* accused, Oct., 39; disappears, 39.
- McWilliams, Alden: illustrations mentioned, Oct., 63.
- Meade, George G., Gen.: mentioned, Jan., 43.
- Mecosta*, propeller: listed, Oct., 54.
- Mediterranean Sea: mentioned, Oct., 18.
- Meemee, dog: mentioned, Apr., 36.
- Melbourne*, freighter: listed, Oct., 51.
- Meldrum, George: references to, Oct., 17.
- Mendoskong: Chippewa chief, Jan., 44.
- Menominee*, propeller: of Goodrich line, Apr., 21; rebuilt as *Iowa*, 21.
- Menominee, Mich.: ferry service to, July, 6.
- Menominee River: mentioned, Oct., 42.
- Mercereau, W. L.: enters marine service, July, 7; plight of ferry reported to, 11; retires, 3.
- Merchant*: first American built iron ship on Great Lakes, Jan., 8.
- Merchant Marine Act*: Oct., 60.
- The Merchant Marine and World Frontiers*, by Robert Earle Anderson: reviewed, Oct., 60-61.
- Merchant Ships*: E. C. Talbot-Booth editor of, Oct., 62.
- Merida*, propeller: listed, Oct., 55.
- Merritt-Chapman & Scott Corporation: awarded contract, July, 50.
- Metcalf, Clarence S.: executive vice-president of G.L.H.S., Jan., 2; director of Cleveland Public Library, 2, July, 56; article by, July, 42-45; extends courtesy, Jan., 39; presides at meeting, Apr., 48.
- Metcalf, I. S.: book reviews by, Apr., 52; July, 58-59, 61, Oct., 60-61.
- Metcalf, John R., endorses letter, Apr., 47.
- Miami, Ind. (now Ford Wayne): blockhouse taken, Jan., 13.
- Michigan*, car ferry: listed, Oct., 55.
- Michigan*, first iron naval vessel of U. S. navy: reduced to one gun, Apr., 35.
- Michigan*, sloop: wreck, Apr., 3.
- Michigan*, side-wheel steamer: early history, Jan., 36; name changed, 36; see also *Wolverine*.
- Michigan*, steamer: engine of, purchased by Goodrich, Apr., 19.
- Michigan*: mentioned, Jan., 16, 36, 44, Apr., 44, 51; early maps of, Oct., 59; upper peninsula described, July, 60, 61-62.
- Michigan and the old Northwest*: presented to members of G.L.H.S., Oct., 58.
- Michigan Central Railroad*: mentioned, Jan., 31, Apr., 18, July, 4, Oct., 23; train described, 24.
- Michigan History Magazine*: cited, Oct., 59.
- Michigan Pioneer and Hist. Coll.*: cited, Jan., 32, footnote.
- Michillimackinac Island: Indians gather at July, 39; distance from Detroit, Oct., 15.
- Michipicoten, Ont.: mentioned, Oct., 47, 52.
- Milan Canal: legend of, Oct., 56.
- Milan, Ohio: once important lake port, Oct., 56.
- Military tragedy on Lake Erie*: by Fred Landon, Oct., 37-40.
- Millward, —: on *Madeira Pet*, Oct., 11.
- Milwaukee*, ferry: mentioned, July, 8; lost, 8, 9.
- Milwaukee*, Wis.: mentioned, Jan., 7, 35, Apr., 18, 19, 20, 21, 22, 24, July, 51, Oct., 41; becomes ferry port, July, 7, 8; birthplace of Gene Herman, Oct., 42; boat terminal, 51; car-ferry disaster, July, 14-15; cargo loaded at, Oct., 6; grain race to, 42; *Marquette 17* bound for, July, 12; *Muskegon* reaches, 10.
- Milwaukee & New Haven Trans. Company*: mentioned, Apr., 18.
- Milwaukee Dry Docks Company*: builds fleet, Oct., 43.
- Milwaukee Harbor Commission*: courtesy acknowledged, Oct., 35.
- Milwaukee River*: illustration, Oct., 35.
- Milwaukee, Sturgeon Bay & Green Bay Transportation Company*: Goodrich interest in, Apr., 20; name changed, 20.
- Milwaukee Tug Boat Line*: mentioned, Oct., 43.
- Minch*, steamer: mentioned, Oct., 43.
- Minch Transit Company*: owns schooner *Minch*, Oct., 43.
- Minerals*: discovered near Lake Superior, Oct., 23; examined, July, 19; from Steep Rock mine, Oct., 52.
- Mink*: used early on Lake Superior, Oct., 45.
- Minneapolis Symphony Orchestra*: mentioned, July, 59.
- Minnedosa*, schooner: listed, Oct., 48; wrecked, 48.

Minnesota, brig: wrecked, Oct., 6.
Minnesota: Jan., 44, Apr., 44; book describes, July, 59.
Minnie E. Kelton, propeller: listed, Oct., 55.
Minos, schooner: goes to aid of *Commerce*, Oct., 38; commended, 38.
Misery Bay (Penn.): *Wolverine* in, Jan., 36.
Mission House: on Mackinac Island, Oct., 25.
Missionaries, Jesuit: importance of, Apr., 51; tribute paid to, July, 19.
Mississagu Indians: Kane's interest in, July, 37.
Mississauga Lighthouse: Apr., 14-17; first on Lakes, 14; specifications for, 16; estimate of cost, 16-17; actual cost, 17; removed, 17; commemoration tablet, 17; illustration of tablet, 32.
Mississauga Point, Ont.: lighthouse needed at, Apr., 15; instructions for, 16; new fortifications at, 17.
Mississippi River: mentioned, Jan., 12, Apr., 19, 44, 51, July, 22, Oct., 59; source, Jan., 44.
Mississippi Valley: mentioned, Apr., 51.
Missouri, steamer: carries wheat, Oct., 4.
Mitchell, Charles B., Lieut.: on membership committee, Oct., 58; answers query on *Ocean Wave*, July, 57.
Mitchell, James: mentioned, Jan., 45.
Mitchell, John: map of 1755, Oct., 59.
Mocking Bird, tug: listed, Oct., 57.
Modern Seamanship, by Austin M. Knight: reviewed, Oct., 61.
Mohawk, frigate: naval vessel, Apr., 33; on Lake Ontario, 34.
Mohawk Indians: mound marks their defeat, July, 38.
Moll, Hermann: publishes early map, Oct., 59.
Mollie Spencer, tug: listed, Oct., 57.
Monarch: listed, Oct., 49.
Monarch, tug: listed, Oct., 54.
Moncrief, —, Major: sent dispatch, Jan., 15; made camp, 15.
Monroe, William: captain of *Eureka*, Oct., 5.
Montana, canal schooner: towed, Oct., 57.
Montana: mentioned, July, 4.
Montauk, steamer: history, Oct., 50.
Monti, Minnie Sweet: article by, July, 46-49; occupation, 56.
Montreal, Que.: mentioned, Jan., 3, 5, 12, Oct., 3, 4, 5, 10.
Montreal Mining Co.: supplies for, Oct., 45.
Montreal River: mentioned, July, 19.
Montresor, John: expedition, Apr., 3; assists Wilkins, 3; joins Bradstreet, 3.
Moody, William E.: captain of the *Christopher Columbus*, Apr., 23.
Mook, mail boat: services described, July, 51.
Moonlight, schooner: races *Porter*, Oct., 42; loses race, 43; gets cream of trade, 43.

Moore, John: captain of *Algoma*, Jan., 6.
Moore, Peter: story of, July, 60.
Moran, steamer: compared to *Governor Smith*, Apr., 12.
Moravia, schooner: listed, Oct., 54.
Morgan, C. A.: confers on grounded schooners, July, 48; returns to Cleveland on *Warming-ton*, 48.
Mormons: driven out of Michigan, Jan., 36.
Morning Star: lost, July, 53.
Morris, Thomas: report on Indians, Apr., 3; work cited, 6.
Morrison, —, Capt.: lost, Apr., 24.
Morrison, Christina: saved in wreck, Oct., 47.
Morse, Jedidiah: map error in geographies, Oct., 59.
Moshier, Ben: captain of *Wm. A. Moore*, Oct., 57.
Mount Athos: mentioned, Oct., 18.
Mount Stephen, Lord: mentioned, Jan., 3.
Mowat, Angus M.: book by, reviewed, Apr., 50.
Mud Lake: described, Oct., 26.
Mud Scow: listed, Oct., 55.
Munger, —, captain for Goodrich line., Apr., 22.
Munk (A. W.) & Co.: thanked, Apr., 32.
Murdock, William: on *Chicora*, Oct., 46.
Murmansk, Sov. Un.: engineers from, visit Great Lakes ports, July, 50-51.
Musham, H. A.: article by, Oct., 2-13; on membership, committee, 58; occupation, 58.
Music, tug: listed, Oct., 57.
Muskegon: of Goodrich line, Apr., 21; sights *Alpena*, 21.
Muskegon, car-ferry: acquired, July, 7; route, 8; name changed, 8; disaster, 9-10; repairs, 11; value, 11.
Muskegon, Mich.: ferry port, July, 8, 10.
Muskingum County, Ohio: mentioned, Jan 32.
Muskingum River: mentioned, July, 16.
Myers, Guy: mentioned, Apr., 13.
Myles, propeller: listed, Oct., 51.
Mystic, tug: listed, Oct., 57.
Nancy, schooner: described Oct., 15; mentioned, 16; freight rates on, 16-17; sailing ports, 16-17.
Nassau: *Chicora* reaches, Oct., 45.
Naval power on Great Lakes: Apr., 33-35.
Navigation: improvements in, July, 9.
Neebing, steamer: listed, Oct., 47.
Negaunce, Mich.: mentioned, Oct., 58.
Nemesis, schooner: carries troops, Oct., 46.
Nevada: history, Apr., 24.
New Brunswick, schooner: carries wheat to Liverpool, Oct., 4; plan to salvage, Apr., 48; value of cargo, 48.

- New France: mentioned, Apr., 50.
- New Jersey Machine & Locomotive Works: mentioned, July, 44.
- New London, Conn.: Coast Guard Academy at, Oct., 52; Capt. Dempwolf moves to, 56.
- New Orleans*, ship of war: built at Sackett's Harbor, Apr., 33; size, 33; on Lake Ontario, 34; retained by govt., 35.
- New Orleans, La.: mentioned, Jan., 12, Oct., 3; ships reach, July, 22; ships refitted at, 23, illustration, 31.
- New York Central Railroad: package freight steamers, Oct., 42; plans new dock, 52.
- New York City: mentioned, Jan., 31, July, 54, Oct., 4; Capt. Ward bound for, Oct., 2; cargo for, 4; power squadrons concentrated at, Jan., 39.
- New York harbor: mentioned, Jan., 29; ferry cars on barges, July, 3.
- New York State Library: mentioned, Oct., 16.
- New Zealand: mentioned, July, 42.
- Newall*: listed, Oct., 55.
- Newberry and Dole: ship wheat, Oct., 4.
- Newport (formerly Yankee Point), Mich.: mentioned, Jan., 31, 32; *Comet* built at, Apr., 18-19; *Planet* built at, 19.
- Newport News, Va.: George C. Mason writes from, Oct., 54.
- News Boy*, propeller: listed, Oct., 54.
- Niagara*, brig: on Lake Erie, Apr., 33, 34; at Erie, Pa., Oct., 63.
- Niagara*, propeller: listed, Oct., 55.
- Niagara*, steamer: operated by Capt. Thomason, Oct., 50.
- Niagara*, tug: listed, Oct., 57.
- Niagara, N. Y.: mentioned, Apr., 3, 4, July, 41.
- Niagara, Ont.: mentioned, Apr., 3; captains summoned to assizes at, Oct., 38; destroyed, Apr., 17.
- Niagara Mail*: reports court proceedings, Oct., 39.
- Niagara River: Jan., 36, 37, Apr., 14, 21.
- Niagara River Line: *Chicora* first steamer of, Oct., 46.
- Nicholas Transit Co.: mentioned, July, 48.
- Nicholson, Meredith: friend of David Gibson, Oct., 57.
- Nickel Plate Railroad: mentioned, July, 26.
- Nicolet, Jean: discovers Lake Michigan, Apr., 51; sights St. Joseph's Island, 49.
- Nicolls, Gustavus, Captain: instructions to, Apr., 16; suggests separate quarters for light-house keeper, 17.
- Nimitz, Chester W., Admiral: mentioned, July, 62.
- Nina*, ship: model of, shown, Oct., 42.
- Nipigon Bay: sandstone from, Oct., 47.
- Nolan, Louis: half breed, Oct., 26; acts as cook, 27.
- Norfolk, Va.: Bully Hayes educated in, Apr., 41.
- Normandie*: mentioned, Jan., 29.
- Noronic*, steamer: mentioned, Oct., 51; built at Port Arthur, 49; W. R. Brown, officer on, 58.
- North America: mentioned, Oct., 13.
- North American*, steamer: calls at Fort William, Oct., 51.
- North Shore Navigation Company: combines with Great Northern Transit Company, Oct., 49.
- North Star*: picture requested, Oct., 63.
- North West Company: mentioned, Apr., 49.
- Northern King*, propeller: modern freighter, Apr., 12.
- Northern Navigation Company: formed from two companies, Oct., 49; work in opposition to C.P.R. and Beatty Lines, 49; Beatty Line merges with, 49; office moved to Sarnia, Ont., 49; boats built for, 49.
- Northland*, steamer: equipment, Apr., 12; abandoned, 12.
- Northumberland*, brig: salutes *Madeira Pet*, Oct., 11.
- Northwest*, barge: formerly steamer *Planet*, Apr., 19.
- Northwest*, steamer: equipment, Apr., 12; abandoned, 12.
- Northwest*, steamer: described, Apr., 20; sold and name changed, 20; correction in change of name, July, 53; when built, 53; size, 53; history of its engine, 53.
- Northwest, Canadian: plan to link with eastern part, Jan., 3.
- Northwest Company: early boats belonging to, Oct., 45.
- Norwalk, Ohio: mentioned, July, 44.
- Norway: mentioned, Jan., 18; obligations to, Oct., 61.
- Nottawasaga Bay: mentioned, Oct., 19.
- Nute, Grace Lee: book by, reviewed, Apr., 52; book used in display, Jan., 41; on membership committee, Oct., 58.
- Nyanza*, propeller: listed, Oct., 54.
- O. Wilcox*, tug: listed, Oct., 57.
- Ocean*, propeller: listed, Oct., 48.
- Ocean Wave*, steamer: information on disaster wanted, Apr., 48; query answered (1) by C. B. Mitchell, (2) by O. T. Burnham, July, 56.
- Oconto*, propeller: of Goodrich line, Apr., 21; sold, 21; lost, 21.
- Octorara*, steamer: mentioned, Jan., 11.
- Odessa, Sov. Un.: engineer from, visits Great Lakes ports, July, 50-51.
- Ogdensburg, N. Y.: mentioned, Apr., 12, 45; models of Columbus's ships towed from, Oct., 42.

- Ogonitz*, propeller: bought by Goodrich, Apr., 18; brief account, 18; engine used on *Union*, 19.
- Ohio*, schooner: on Lake Erie, Apr., 35.
- Ohio: mentioned, Oct., 3; boundary dispute, 59.
- Ohio and Erie Canal: mentioned, Oct., 3.
- Ohio River: mentioned, Jan., 13, Apr., 3, Oct., 3; early expedition to, Apr., 2.
- Ojibway Indians: gathering on Michillimackinac Island, July, 39; in Saugeen, Ont., 38; meet in Sault Ste. Marie, Oct., 26.
- Okorona*, tug: carries troops, Oct., 46.
- Old Lake Triplets, The*: article by Dana T. Bowen, Jan., 8-12.
- Olive-Jeanette*, schooner: listed, Oct., 55.
- Omaha*, freighter: mentioned, Oct., 43.
- Onaping*, tug: listed, Oct., 57.
- Oneida*, brig: on Lake Ontario, Apr., 34.
- Ontario, propeller: leaves Buffalo for California in 1849, Oct., 5.
- Ontario, propeller: enter Beatty Line service, Oct., 46; when and where built, 29; run, 29; illustration, 29.
- Ontario, schooner: on Lake Ontario, Apr., 34.
- Ontario, steamer: built in 1817, Apr., 50.
- Ontario, steamer: calls at Goderich, July, 54.
- Ontario: Loyalists move to, July, 58.
- Ontario Public Archives: document in, quoted, Oct., 38.
- Ontonagon copper boulder: discovered by Porter, July, 17; described, 17; account of, in book by J. K. Jamison, 61-62; now in Smithsonian Institute, 17, 61.
- Ontonagon River: explored, July, 17, 19-20; expedition returns to, 19.
- Optimist Clubs: mentioned, Oct., 44.
- Orion*, schooner: built by Rand, Apr., 19; carries troops, Oct., 46.
- Orr, Louis: reproduction of etching by, Jan., 21, Apr., 25, July, 32, Oct., 33.
- Osborn, Chase S.: mentioned, July, 62; book by, reviewed, Jan., 44; books on display, Jan., 41; elected trustee of G.L.H.S., July, 56.
- Osborn, Stellanova: book by, reviewed, Jan., 44.
- Osceola*, brig: carries full load of wheat, Oct., 4.
- Osceola*, propeller: listed, Oct., 54.
- Ossifrage*, propeller: listed, Oct., 48-54; runs, 48, 50.
- Oswald, Richard: influence on Great Lakes, July, 52.
- Oswego*, tug: listed, Oct., 57.
- Oswego, N. Y.: mentioned, Jan., 6, 17, Apr., 45, July, 43, 59; great grain port, Oct., 43; vessels built at, 4.
- Ottawa, propeller: Goodrich line purchased, Apr., 20.
- Ottawa [*Ottowa*], square rigged vessel: mentioned, Oct., 16; described, Oct., 15, 16.
- Ottawa, Que.: mentioned, Jan., 5, Apr., 14, footnote.
- Ottawa Indians: Chief Assikinack influential member, July, 39; gather on Michillimackinac Island, 39.
- Ottawa River: mentioned, Oct., 3, 6.
- Otter*, schooner: used early on Lake Superior, Oct., 45.
- Ouia Tenon, Ind. (now Lafayette): blockhouse taken, Jan., 13.
- Owego*, propeller: impresses Gene Herman, Oct., 42.
- Owen Sound: mentioned, Jan., 6, 7, July, 37, 38, Oct., 18, 20; Northern Navigation Co. transfer boats from, 49; steamers arrive at, Jan., 5; steamer service from, 3, 5.
- Owen Sound Steamship Company: founded, Oct., 48; boats operated by, 48; discontinue run, 49; provides transportation, Jan., 4; purchases *Caroma*, Oct., 46.
- Pabst, Fred, Captain: in command of *Comet*, Apr., 19; became brewer, 19.
- Pacific*, brigantine: makes first trip from Gt. Lakes to Liverpool, Oct., 4.
- Paipoonge*, steamer: listed, Oct., 47.
- Palmer, Victor H.: elected to office, Apr., 44.
- Pandora*, schooner: carries troops, Oct., 46.
- Park, William: references to, Oct., 17.
- Parkman, Francis: mentioned, Apr., 50.
- Paterson Steamships, Ltd.: purchase boats, Apr., 44.
- Paul, James K.: pioneer, July, 61.
- Paul Kane*, painter of Gt. Lakes Indians: article by R. F. Fleming, July, 37-41.
- Payne, —, Lt.: missing, Jan., 15.
- Pearl Harbor: mentioned, July, 21, Oct., 61.
- Pease, Seth: mentioned, Apr., 4; work cited, 7.
- Peerless*, propeller: listed, Oct., 47.
- Pemiscot*, cargo vessel: winter run, Apr., 39.
- Penetanguishene, Ont.: mentioned, Apr., 49; Kane overtakes boat at, July, 37; returns to, 38.
- Pennsylvania Railroad: mentioned, Jan., 8.
- Penobscot*, propeller: listed, Oct., 55.
- Pentagoet*, propeller: mentioned, Oct., 4, footnote.
- Pentwater, Mich.: disaster near, July, 12.
- Pepperell expedition: mentioned, Jan., 16.
- Pere Marquette*, car ferry: listed, Oct., 55; first steel car ferry, July, 7; size, 7.
- Pere Marquette 3*: lost in ice, July 7.
- Pere Marquette 16* (formerly *Muskegon*): July, 8.
- Pere Marquette 17*: added to fleet, July, 8; goes to aid of sister ship, 12-13; name changed, 8; near disaster, 11.
- Pere Marquette 18*: added to fleet, July, 8; carries excursions, 12; refitted, 12; disaster, 12; loss of life, 13.
- Pere Marquette 18*: second ferry of that name, July, 13; now used for freight, 13.

- Pere Marquette 19*: mentioned, July, 57; added to fleet, 8; converted to barge *Hilda*, 8, Oct., 63; rough passage, July, 3.
- Pere Marquette 20*: added to fleet, July, 8; name changed, 8.
- Pere Marquette 21*: mentioned, July, 8.
- Pere Marquette 22*: mentioned, July, 8; illustration, 33.
- Pere Marquette Railroad*: use Lake Michigan ferries, July, 2-15; maintains school for U. S. Coast Guard training, 3; result of merging of two railroads, 7; mileage of ferries, 9; loans pamphlet, 9.
- Pere Marquette Railway Company*: mentioned, July, 6.
- Perkins, John R.: diver, Jan., 20.
- Perkins, Josephine: bride of Capt. Wells, July, 44.
- Perry, Oliver Hazard: mentioned, Jan., 36; interesting chapter on, July, 62; victory mentioned, Oct., 60.
- Pert*, schooner: on Lake Ontario, Apr., 34.
- Peshigo Harbor, Wis.: car-ferry to, July, 4.
- Peshigo Lumber Co.: owned barge, Apr., 19.
- Peterborough (Ont.) Normal School: mentioned, Jan., 45.
- Peters, Margaret: mentioned, Jan., 23.
- Phil D. Armour*, freighter: carries coal, Oct., 43.
- Philadelphia, Pa.: British sailor reports to Pickering in, Oct., 14.
- Phillips, William: engineer, Apr., 12.
- Phillott, Frederick: captain of *Commerce*, Oct., 38; signs document, 38; mentioned in diary, 40, footnote.
- Pickands Mather & Co.: Capt. Inches with, Apr., 46.
- Pickering, Timothy: manuscript of, Oct., 14-16; career, 14; makes report on British armament, 14; on *Dunmore*, 16.
- Pierce, D. C.: captain of *Dean Richmond*, Oct., 6; takes schooner from Chicago to Liverpool, 13.
- Pine, Stream, and Prairie*, by James Gray: reviewed, July, 59.
- Pinia*, ship: model of, shown, Oct., 42.
- Pioneer*, tug: carries troops, Oct., 46.
- Pioneer Press and Dispatch*: mentioned, July, 59.
- Piquette, Tousin: mentioned, Apr., 36.
- Pirates: William Henry Hayes, Apr., 41-42.
- Pitcher, —, Dr.: accompanies expedition, July, 18.
- Pitezol, Father: missionary to Indians, Oct., 28.
- Pittsburg*, propeller: rebuilt and renamed from *Carmona*, Oct., 50; burned, 50.
- Pittsburgh, Penn.: mentioned, Jan., 36, Oct., 4.
- Pittsburgh Steamship Co.: mentioned, Jan., 27, 29, Apr., 12; sells *Princeton*, July, 50.
- Planet*, steamer: has used engine, July, 53; secured from Ward line, Apr., 19; becomes barge *Northwest*, 19.
- Plattsburg*, ship: sold, Apr., 33; on Lake Ontario, 34.
- Pleasure*, propeller: listed, Oct., 55.
- Plough Boy*, steamer: run in opposition to *Rescue*, Oct., 45.
- Plowboy*, propeller: listed, Oct., 54.
- Plumb, R. G.: article by, Apr., 18-24; book by, mentioned, 53.
- Plutarch: mentioned, Oct., 63.
- Plymouth, Eng.: mentioned, Jan., 22.
- Point Au Gres: boat caught in ice near, July, 25.
- Point aux Pins, Ont.: mentioned, Jan., 14, footnote.
- Point Edward dock: fire destroys *Hamonic* at, Oct., 53.
- Point Levis, Que.: *Champion* built at, Oct., 49.
- Point Lookout: ice blocks boat at, July, 25.
- Point Pelee, Lake Erie: schooner lost off, Apr., 48.
- Polson shipyards: *Manitoba* built at, Jan., 6.
- Pontiac, Indian: mentioned, Oct., 60; conspiracy, Jan., 13-15.
- Population: of Grand Rapids in 1845, Oct., 25.
- Poole, —: gives talk before Marine Hist. Soc., July, 52.
- Porcupine*, schooner: on Lake Erie, Apr., 35; present location requested, Oct., 63.
- Port Arthur, Ont.: mentioned, Jan., 35; Apr., 45, July, 54, Oct., 50; arrival of *Algonquin* at, 51; boat terminal, 51; grain center, 52; first named Prince Arthur's Landing, 46; name changed, 46; *Noronie* built at, 49; ships at, 45-51; steamer arrives at, Jan., 3; steamship terminal moved from, Oct., 49; trips to, 48.
- Port Arthur and Duluth Steam Packet Co., Ltd.: formed, Oct., 49; largest shareholders, 49; boats operated by, 49-50.
- Port Arthur shipyards: install new type of boilers in boats, Jan., 7.
- Port Colborne, Ont.: mentioned, Jan., 35, Apr., 53, July, 55; steamers fitted out at, Jan., 5.
- Port Dalhousie: mentioned, July, 55.
- Port Dover, Ont.: mentioned, Jan., 45.
- Port Elgin, Ont.: *Cambria* stops at, Oct., 50.
- Port Huron: mentioned, July, 24, 43, Oct., 47; steamers to, 43.
- Port Huron, Ohio: rare pamphlet on, July, 56.
- Port Huron in 1837*: article by G. W. Thayer, July, 56.
- Port Maitland, Ont.: mentioned, July, 55; casualties interred in cemetery at, Oct., 40; inscription over common grave, 40; wreck near, 37.
- Port McNicoll, Ont.: mentioned, Jan., 35; fleet terminal, 6.
- Port of Niagara: mentioned, Apr., 16.

- rt Robinson: mentioned, Oct., 29.
 rt Stanley, Ont.: mentioned, July, 12, Oct., 27; boat terminal, 50; survivors of wreck reach, 39.
 rter, schooner: races *Moonlight*, Oct., 42; wins race, 42-43; loses cream of grain trade, 43.
 rter, Augustus: mentioned, Apr., 4; work cited, 7.
 rter, George Flag: in second Cass expedition, July, 16-20; diary, 16; quoted, 17ff; separate expedition, 17, 19-20; studies law, 20; appraisal of, 20; specimen pages of diary, 30; portrait, 30.
 rter, J. Henry: article by, July, 16-20; occupation, 56.
 rter, John Savage: makes miniature of brother, July, 30.
 rteus, John: describes north shore of Lake Erie, Apr., 3; work cited, 6.
 rtodoc: new name of *Ethel J.*, q.v.
 ortsmonth, Eng.: mentioned, Jan., 36.
 ast Boy, propeller: listed, Oct., 54.
 ostoffice, floating: described, July, 51.
 otomac, barque: Capt. Bundy converted on, Apr., 8-10.
 ottawatomí Indians: led by Chief Assikinack, July, 39; meet at Sault Ste. Marie, Oct., 26.
 ouchot, Pierre: memoir, cited, Apr., 6.
 ound, Arthur: book by, reviewed, July, 58-59; occupations, 58.
 ower Squadron: purpose, Jan., 38.
 ower Transports, Ltd.: trade in boats, Apr., 44.
 Pratt, E. J.: book by, reviewed, Apr., 50-51.
 Presque Isle: mentioned, Jan., 16, Apr., 3; expedition anchored in, July, 18.
 Priestley, —: on *Madeira Pet*, Oct., 11.
 Prince Albert, schooner: carries troops, Oct., 46.
 Prince Arthur's Landing: mentioned, Oct., 47; name changed, 46.
 Princeton, propeller: sold, July, 50.
 Prindiville, John, Capt.: of brig *Minnesota*, Oct., 6.
 Pringle, Billie: captain of *Goodenow*, Oct., 57.
 Pringle, Johnnie: captain of *Martin Swain*, Oct., 57.
 Propeller Clubs: mentioned, Oct., 44.
 Property Owners Assoc. of Ottawa: July, 56.
 Provident Building & Loan Assoc.: borrow exhibit, Jan., 41.
 Prussia, propeller: listed, Oct., 48.
 Psalms: mentioned, Oct., 63.
 Pueblo, freighter: mentioned, Oct., 43; Gene Herman second cook on, 43.
 Purnell, Benjamin: mentioned, Apr., 51.
 Put-in-Bay, steamer: mentioned, Jan., 35.
 Put-in-Bay: excursions from Cleveland, July, 51.
 Putnam, Israel: opinion, Jan., 17.
 Quaife, Milo M.: mentioned as editor of *American Lakes Series*, Jan., 43, Apr., 52, July, 58, Oct., 59; book by, reviewed, Apr., 51-52; pamphlet on Mariner's Church mentioned, 48; writes appendix to book, 49.
 Quale and Martin: shipbuilders, Oct., 6.
 Quebec, propeller: built at Sarnia, Oct., 46; sinks, 46; later history, 46.
 Quebec, steamer: calls at Goderich, July, 54.
 Quebec, Que.: mentioned, Oct., 7.
 Queen Mary, steamer: mentioned, Apr., 13.
 Queen's Co. of Rangers: formed relief party, Jan., 13-14.
 R. P. Fitzgerald, propeller: carries coal, Oct., 43.
 R. W. Wilmot: listed, Oct., 55.
 Rabbit, Chief: see Wah-pus, Chief.
 Racine, Wis.: mentioned, July, 10.
 Radcliffe, F. P. R. Delmé, Lt.: signs document, Oct., 38; killed in battle, 39; mentioned in diary, Oct., 39-40, *footnote*.
 Rains, William, Major: attempt to colonize St. Joseph's Island, Apr., 49; grandfather of Estelle Bayliss, 49.
 Rains Point: ancient landmarks, Apr., 49.
 Raisin River: mentioned, Jan., 16.
 Ramsay, David: adventures mentioned, Apr., 3; work cited, 7.
 Rand, G. S.: shipbuilder, Apr., 19; launched, *Manitowac*, 20; built sidewheelers, 21.
 Rand & Burger: shipbuilders, Apr., 21.
 Randall, Clarence B.: elected trustee of G.L. H.S., July, 56.
 Ranger, brig: on Lake Ontario, Apr., 34.
 Rathbone IV, A. D.: book by, reviewed, July, 60.
 Raven, U. S. transport: on Lake Ontario, Apr., 34.
Recollections of the Milan Canal: contributed by R. T. F. Harding, Oct., 56.
 Recovery, schooner: used early on Lake Superior, Oct., 45.
Recovery of the Steamer Humphrey: article by Jewell R. Dean, Jan., 18-30.
 Red Star Line: purchases steamer *Northwest*, 53; rebuilds and christens *Greyhound*, 53.
 Reed, J. Elmer: endorses letter, Apr., 47.
 Reed and Sons: accepts contract to release schooner, July, 49.
 Reeve of Shuniah: see Marks, Thomas.
 Reid, Abbie, teacher: encourages Ernest J. King, July, 27.
 Reindeer, schooner: sails for Liverpool, Oct., 6.
 Reindeer, steamer (formerly *Commerce*): Oct., 40.
 Reiss Steamship Co.: mentioned, Apr., 44.
 Reliance, tug: mentioned, Apr., 45.
 Relics: of disaster, Jan., 17.
 Republic Steel Corporation: develops mines, Oct., 53.
 Rescue, gunboat: carries troops, Oct., 46.

- Rescue*, propeller: makes regular trips, Oct., 45; carries mail for Fort Gary, 45.
- Revolutionary War: mentioned, July, 58; treaty at close of, Oct., 14.
- Rhoda Stewart*: model of, Apr., 46.
- Richards, —: appointed to escort *Madeira Pet*, Oct., 8.
- Richmond, C. Y.: appointed on committee, Oct., 8.
- Richmond, Mrs. Elizabeth: gift mentioned, Oct., 30.
- Richmond, Mrs. Holland: gift mentioned, Oct., 30.
- Richmond, Thomas: interest in direct trade with Europe, Oct., 6-7.
- Rideau Canal: used by Canada, Oct., 3.
- Riebenach, Fritz: purchases *Arabia*, Oct., 55; curious result of two seiches on purchase, 55-56.
- Riel, Louis, half-breed: leads revolt, Jan., 5.
- Riesenberg, Felix, Capt.: authorship mentioned, Oct., 61.
- Riley, James Whitcomb: friend of David Gibson, Oct., 57.
- River Queen*, tug: listed, Oct., 57.
- River Tugs*: article by Capt. W. P. Benham, Oct., 57.
- Robert L. Fryer*, propeller: listed, Oct., 54.
- Roberts, Kenneth: book by, mentioned, July, 58.
- Robertson, *Landmarks of Toronto*: cited, Oct., 3, footnote.
- Robinson, Ted: captain of *Monarch*, Oct., 49.
- Rochester, N. Y.: mentioned, July, 59.
- Rockwell, Edward: member of Jackson Mining Co., Oct., 23.
- Rocky Mountain*, schooner: Wells ships on, July, 43; reunion of mates, 43.
- Rocky River: mentioned, Jan., 15 and footnote, 16; disaster, 17; wreck of Bradstreet expedition on, Apr., 3.
- Rodgers, —: lost in wreck, Oct., 38.
- Roen, John, Capt.: owns salvaged ship, July, 50; rebuilds ferries for pulpwood trade, Oct., 63; responsible for raising freighter, Jan., 18-30; brief sketch of, 30.
- Roen steamship Company: boats operated by, Oct., 63.
- Rogers, Robert, Major: heads relief expedition, Jan., 14; his rangers mentioned, Apr., 3; work cited, 6.
- Roland, Edwin J., Commander: praises Ice-breaker *Mackinaw*, Apr., 39; quoted, 40.
- Romeo*, propeller: listed, Oct., 54.
- Rondeau, Ont.: wreck near, Apr., 3.
- Rondeau Provincial Park, Ont.: mentioned, Jan., 14, footnote.
- Roosevelt, Franklin D.: mentioned, Oct., 41.
- Roosevelt, Theodore: citation, Apr., 34, footnote.
- Root, Donna L.: article by, Apr., 48; letter for G.L.H.S. on preservation of *Wolverine*, 47.
- Rosedale*, propeller: listed, Oct., 51.
- Rotary Clubs: mentioned, Oct., 44.
- Roy K. Russel* (formerly *City of Hamilton*): disaster, Jan., 12.
- Royal Engineers: mentioned, Apr., 16.
- Royal Naval Volunteer Reserve: mentioned, Oct., 62.
- Royal Welch Fusiliers: aboard *Commerce*, Oct., 37; destination, 37; return to London, Ont., Oct., 39; monument for those lost in wreck, 40.
- Rud, Anton: mentioned, Apr., 13.
- Runge, Herman G.: collector, Jan., 35.
- Rush-Bagot Agreement: signed, Apr., 35.
- Russia*, freighter: mentioned, Oct., 51.
- Russia, purchases *Nevada*, Apr., 24.
- Rydholm, Carl O., Capt.: elected to office, Apr., 44; on membership committee, Oct., 58; gives informal talk, Apr., 48.
- S. S. *Curry*, propeller: listed, Oct., 55.
- S. S. *Lyon*, tug: listed, Oct., 57.
- S. S. *Rumage*, tug: listed, Oct., 57.
- Sabin, L. C.: makes extracts from rare pamphlet, July, 56.
- Sackett's Harbor, N. Y.: mentioned, Apr., 50; *New Orleans* built at, 33, 35; Navy decides to retain, 35; decommissioned, 35; illustration, 32.
- Sadon, A. R.: sends message in container, July, 15.
- Saginaw, Mich.: mentioned, July, 56.
- Saginaw Bay: mentioned, July, 20; frozen, Apr., 39; ice in, July, 24.
- Saginaw River: July, 21, 24.
- Saginaw Shipbuilding Company: F. W. Wheeler, president of, Oct., 54.
- Saginaw Valley*, propeller: listed, Oct., 54.
- Saguinah* [*Sagganau*], sloop: listed, Oct., 15 references to, 17.
- Sailor Boy*: propeller: listed, Oct., 55.
- St. Arnold, Henry: half breed, Oct., 26.
- St. Catharines, Ont.: *Commerce* taken to, Oct., 40.
- St. Clair*, schooner: built for Capt. Ward, Jan., 31, Oct., 2; cargo carried, Jan., 31-32, Oct., 2-3; first vessel to reach salt water via Erie Canal, Jan., 31-32, Oct., 3.
- St. Clair, Mich.: mentioned, July, 43; Capt. Wells buys farm near, 44.
- St. Clair River: mentioned, Jan., 31, Apr., 45, 46, Oct., 10, 11, 52, 53, 57; bar at mouth of, 15; Belle River enters, 2, footnote; small boat traffic on, 43; schooner anchors in, July, 17.
- Saint Ignace*, steamer: first car-ferry used on Lake Michigan, July, 3-4; capacity, 4; size, 4; sold, 4.
- St. Ignace, Mich.: mentioned, Jan., 18, July, 4; boat reaches harbor of, 24.

- St. Ignace Island: mentioned, Oct., 45.
- St. John, New Brunswick: mentioned, Oct., 7.
- St. John, Newfoundland: *Montauk* registered at, Oct., 50.
- St. Joseph, Mich.: mentioned, Apr., 18; blockhouse taken, Jan., 13.
- Saint Jude: mission, Oct., 19.
- St. Lawrence River: mentioned, Jan., 2, 4, 12, Apr., 50, July, 22, Oct., 3, 5, 53, 59; early attempt to navigate upstream, 3; free navigation on, 3-4; for direct trade with Europe, 3-13, *passim*.
- St. Louis River: mentioned, July, 19.
- St. *Magnus*, propeller: listed, Oct., 48.
- St. Martin, Alexis: strange wound, Jan., 43.
- St. Mary's River: beauty of, Oct., 25; boats cross, Apr., 39; difficulties of navigating, 49; ice on, July, 4; ice broken, Apr., 43; *Quebec* sinks in, Oct., 46.
- St. Michael Island: expedition reaches, July, 19; Jesuit mission at, 19.
- Saint Simon: mission, Oct., 19.
- Ste. Marie*, car-ferry: helps break ice, July, 24-25.
- Sainte Marie*, steamer: as car-ferry, July, 4; size, 4; replaced by steel ferry, same name, 4.
- Salem, Ohio: mentioned, Jan., 31.
- Salem Packet*: owned by Sam Ward, Jan., 31.
- Salt plant: visited, Oct., 25.
- Salty Jack*, tug: listed, Oct., 47.
- Salvage Prince*, tug: tows *Warrenko*, Oct., 46.
- Salver*, tug: frees schooner *Minch*, July, 49.
- Sam Ward*: poem by Marie E. Gilchrist, Jan., 31-32.
- Sampson*, propeller: model of, Apr., 45.
- Sanson*, tug: owned by Mr. Benham, Oct., 57.
- Samuel F. B. Morse*, propeller: listed, Oct., 55.
- Samuelson, —, Capt.: illustration by, July, 33.
- Sandusky, Ohio: mentioned, Oct., 3, 52; boats leave, Jan., 17; Bradstreet arrives at, 16; Brig *Columbia* built at, July, 42; power squadron at, Jan., 39; taken, 13; Wells shipped from, July, 43.
- Sandusky Bay: mentioned, Jan., 35, Apr., 3.
- Sandusky Islands: mentioned, Apr., 3.
- San Francisco, Calif.: mentioned, Apr., 41, Oct., 5.
- Sanson, —: early map of Michigan cited, Oct., 59.
- Santa Maria*, ship: model of, shown, Oct., 42.
- Sarah Smith*, tug: listed, Oct., 54.
- Sarnia, Ont.: mentioned, Oct., 20, 29, 53; boats built at, 47; office moved to, 49.
- Saronic*, propeller (formerly *United Empire*): renamed and operated as barge, 47.
- Saskatchewan: mentioned, Jan., 5.
- Satellite*, tug: listed, Oct., 57.
- Saturday Night*: Canadian Magazine, Jan., 43.
- Saturn*, schooner: Capt. Inches master of, Apr., 46.
- Saugeen (later Southampton), Ont.: Kane visits, July, 38.
- Saugeen River: mentioned, July, 38.
- Sauk Indians: meet at Sault Ste. Marie, Oct., 26.
- Sault Ste. Marie, Mich.: mentioned, Jan., 11, Apr., 39, 44, July, 39; blockhouse at, taken, Jan., 13; contract awarded for construction of Brady Pier, July, 50; described, Oct., 26; explorers embark for, 25; expedition heads for, July, 18, returns from 20; Indian name for, Oct., 26; Kane meets Mr. Ballantyne at, July, 39; winter passage, Apr., 43.
- Sault Ste. Marie, Ont.: Indian home at, Jan., 44.
- Sault Ste. Marie canal: iron ore through, July, 42; route if blocked, 51.
- Savage Island: mentioned, Apr., 42.
- Save the Wolverine*: article by Capt. R. W. England, Jan., 36-37.
- Saybrook, Ohio: campers at, July, 46.
- Scheer, Luke: author of *Michigan and the old Northwest*, Oct., 58.
- Schneider, Oscar: quoted, Oct., 42.
- Schoolcraft-Longfellow-Hiawatha*, by the Osborns: reviewed, Jan., 44-45.
- Schoolcraft, Henry Rowe: brief sketch, Jan., 44; influenced Longfellow, 44; with first Cass expedition, July, 16.
- Schoolcraft, Mrs. Henry R.: sister of, mentioned, July, 19.
- Scorpion*, schooner: on Lake Erie, Apr., 35; present location, July, 38, Oct., 63.
- Scotia*, propeller: listed, Oct., 48.
- Scotland: mentioned, Jan., 4, Oct., 47; has first railroad car ferry, July, 3.
- Scott, —: on *Madeira Pet*, Oct., 11.
- Scourge*, schooner: on Lake Ontario, Apr., 34.
- Scripps-Howard newspapers: mentioned, July, 61.
- Sea Bird*, steamer: mentioned, Apr., 20; disaster, 19.
- Sea language comes ashore*, by Joanna Carver Colcord: reviewed, Apr., 52-53.
- Seattle, Wash.: boat transferred to, Oct., 51.
- Sebastopol, locomotive: described, July, 44.
- Second Federal Savings and Loan Assoc.: featured G.L.H.S. exhibit, Jan., 41.
- Seeandbee*, steamer: name changed, Jan., 36.
- Seiches: defined, Oct., 55; result on *Arabia*, 55-56.
- Seneca Indians: mentioned, July, 58.
- Sequin*, steamer: storm drives ashore, July, 47; freed, 48.
- Servia*, propeller: listed, Oct., 54.
- Seven Angelic Messengers colony: at Benton Harbor, Apr., 51.
- Seyern River: mentioned, Jan., 13.

- Seward, William H.: mentioned, July, 59.
- Seymour*, tug: listed, Oct., 57.
- Shakespeare, William: mentioned, Oct., 63; reading from, 40, footnote.
- Shall we scrap our merchant marine*, by A. D. Rathbone IV: reviewed, July, 61.
- Shanghai, China: mentioned, Apr., 41.
- Sharp, W. H.: illustration by, July, 33.
- Shawnee Indians: mentioned, Jan., 16.
- Sheboygan*, steamer: launched, Apr., 21; described, 21; burned, 21.
- Sheboygan, Wis.: disaster at, Apr., 19.
- Shenango No. 2*, propeller: later *Muskegon*, July, 7.
- Shepard Iron Works: builds *Detroit*, July, 53.
- Shepherd, Thomas: references to, Oct., 17.
- Sheppard, —: appointed to escort *Madeira Pet*, Oct., 8.
- Sherman, John: mentioned, July, 7.
- Shickluna*, steamer: carries troops, Oct., 46.
- Shingwauk, Indian: Jan., 44.
- Shipping: see Commerce and Trade.
- Shipping record of port of Goderich for 1882*: article, July, 54-55.
- Ships at Port Arthur and Fort William*, by W. Russell Brown: Oct., 45-51.
- Ships that went down to the sea*, by H. A. Musham: Oct., 2-13.
- Shivtsov, T.: visits Great Lakes ports, July, 50-51.
- Silver Islet: boat terminal, Oct., 50.
- Silver Islet Navigation Co.: operates passenger steamer, Oct., 50.
- Silver Spray*, steamyacht: listed, Oct., 55.
- Simcoe, John Graves, Gen.: mentioned, July, 58.
- Simcoe Reformer*: article pub. in, reprinted, Jan., 45.
- Simon J. Murphy*, propeller: listed, Oct., 55.
- Sinaloa*, steamer: salvaged, Jan., 30.
- Sincoe, Gov.: misapplies funds, Oct., 16.
- Singapore, Mal. St.: mentioned, Apr., 41, 42.
- Singer, —, Capt.: forms company, Oct., 50.
- Singer Transportation Co.: boats operated by, Oct., 50-51.
- Sioux Indians: meet at Sault Ste. Marie, Oct., 26.
- Sir Isaac Lothian Bell*: listed, Oct., 55.
- Sir L. Tilley*, propeller: listed, Oct., 51.
- Siskiwit*, tug: listed, Oct., 47.
- Sitka*, propeller: listed, Oct., 54.
- Sixty years of the C.P.R. Lakes fleet*: article by Fred Landon, Jan., 3-7.
- Skeldon, Joseph L.: superintends building of ship, July, 54; becomes captain of ship, 54.
- Smith, Donald: drove last spike for C.P.R., Jan., 6; see also Strathcona, Lord.
- Smith, Frank B.: engineer, Apr., 12.
- Smith, J. A.: joint purchaser of *Warrington*, July, 47.
- Smith, James, Col.: as Indian captive surveyed Lake Erie shore, Apr., 3; work cited, 5.
- Smith, John, Capt.: mentioned, Jan., 10; captain of *Andrew J. Smith*, Oct., 57.
- Smith, John R.: purchases *King Edward*, Oct., 50.
- Smith, Kenneth A.: pres. of Marine Hist. Soc., July, 52; gives talk before Soc., 52.
- Smith, L. P.: joint purchaser of *Warrington*, July, 47.
- Smith, Leatham D.: elected trustee of G.L. H.S., July, 56.
- Smith, Robert, Capt.: mentioned, Jan., 10.
- Smith, W. W. Capt.: mentioned, Jan., 10.
- Smith & Mitchell: boats owned by, Oct., 48.
- Smithsonian Institute: mentioned, July, 61; Ontonagon copper boulder moved to, July, 17.
- Smuts, Jan Christian: quoted, July, 61.
- Snow Bird*, schooner: carries troops, Oct., 46.
- Sokolov, M.: visits Great Lakes ports, July, 50-51.
- Somers*, schooner: on Lake Erie, Apr., 35.
- Soo: locks mentioned, Jan., 6.
- Soo City*, propeller: listed, Oct., 54.
- Soo Line dock: illustration, Oct., 31.
- Soo marine banquet: Gene Herman founder of, Oct., 44.
- Sophia*, schooner: sails for Liverpool, Oct., 5.
- Sophia Minch*, schooner: leaves Ashtabula harbor, July, 46; grounded, 47; condition, 47; no attempt made to release, 48; Capt. Christie makes residence on, 48; becomes favorite resort, 49; salvaged, 49; converted to barge, 49.
- South America: cattle trade, Jan., 4.
- South American*, steamer: calls at Fort William, Oct., 51.
- South Pacific: mentioned, Apr., 41.
- South Seas: Bully Hayes in, Apr., 42.
- Southampton, Ont.: mentioned, Oct., 20; *Cambria* stops at, 50; Kane visits, July, 38.
- Southern Pacific Railroad: starts ferry service, July, 3.
- Southwestern Savings & Loan Co.: borrows exhibit, Jan., 41.
- Sovereign*, steamer: mentioned, Oct., 47.
- Sparta*: salvaged, Jan., 30.
- Spartan*, side-wheel steamer: listed, Oct., 48; carries passenger to Canadian northwest, Jan., 4; wrecked, 4.
- Spencer, Herbert R.: gives report on preservation of *Wolverine*, Apr., 46-47; letter to, 47.
- Spencer, Joseph: joins Cass expedition, July, 17.
- Spencer, Oliver: ransomed from Indians, Apr., 4; work cited, 6.
- Spencer & Co.: dock mentioned, Oct., 9.
- Stacy, William: explorers meet, Oct., 26.
- Stage, C. W., Jr.: article by, Jan., 38-39.
- Stage coach: described, Oct., 24.

Staples, —: on *Madeira Pet*, Oct., 11.
 Steam: experiments with, Oct., 61-62.
Steamboats come true: American inventors in action, by James Thomas Flexner: reviewed, Oct., 61-62.
Steamer Northwest: article by Louis Baus, July, 53.
 Steamer schedule: Jan., 10-11.
Steel Chemist, motor ship: reports wreckage, July, 15.
 Steele, George: appointed on committee, Oct., 8.
 Steep Rock Mine: described, Oct., 52.
 Steinbrenner, H. G.: mentioned, Jan., 18.
 Steinhart, T. M.: first commander of Cleveland power squadron, Jan., 39.
Stella Whipple: request for picture of, Jan., 42.
 Stephen, George: mentioned, Jan., 3.
 Stevens & Ryan: owners of *E. P. Kirtland*, July, 44.
Stewart, propeller: listed, Oct., 47.
 Stewart, Rhoda: mother of Capt. Inches, Apr., 46.
 Stines, —: captain on Goodrich line, Apr., 22.
 Stokes Bay: mentioned, Oct., 19; formation of, 22.
 Stone, H. O.: ships wheat, Oct., 4.
 Stones, Elleine H.: review by, Oct., 59-60; added to editorial staff, July, 56.
Story of Philo Everett's trip from Jackson, Michigan, to Marquette in 1845, by R. A. Brotherton: Oct., 23-28.
 Straits of Mackinac: mentioned, Jan., 29, Apr., 38, 39, July, 4, 6, 22, 50, 57; car ferries on, 2; channel cleared, Apr., 43; explorers reach, Oct., 25; freighter sunk in, Jan., 18; frozen, July, 24.
Stranger, tug: listed, Oct., 57.
 Strathcona, Lord: member of syndicate, Jan., 3.
 Stringer, H. B.: article by, cited, Oct., 40, footnote.
 Stubig, W. O.: on membership committee, Oct., 58.
 Sturgeon Bay, Wis.: mentioned, Jan., 18, 29, 30, Apr., 22, July, 50.
 Sullivan, Dennis, Capt.: loses race, Oct., 43.
 Sullivan, John, Gen.: Washington sends against Senecas, July, 58.
 Sulpician missionary expedition: mentioned, Apr., 2.
Sunbeam: loss, Apr., 19.
Sundew, coast guard cutter: clears ice, Apr., 39.
Superior, frigate: flagship of Commodore Chauncey, Apr., 33; largest naval vessel on lakes, 33; on Lake Ontario, 34.
 Superior, Wis.: mentioned, Oct., 50; shipyard at, sold, 53; whalebacks built at, 51.
 Supplies: lost, Jan., 15; stolen by Indians, 17.
 Swan Creek: Indians at, Oct., 15.
 Sweeney, Barney: captain of *Chicago*, Apr., 21.
Sweepstakes, tug: listed, Oct., 57.
 Swift, —, Capt.: mentioned, Oct., 9.
 Sydney, Australia: mentioned, Apr., 41; trick played by Bully Hayes near, 42.
Sylph, schooner: on Lake Ontario, Apr., 34.
 Symcs, —: capt. of *Manitoba*, Oct., 46.
 Symington, John: informed of appointment, Apr., 16; ordered to proceed with work, 17; mentioned on tablet, 17.
 Syracuse, N. Y.: mentioned, Oct., 3.
T. H. Camp, tug: listed, Oct., 47.
T. S. Christie, propeller: listed, Oct., 54.
 Talbot-Booth, E. C.: compiles *What ship is that?* reviewed, Oct., 62-63.
Tale of two seiches: by Benjamin L. Jenks, Oct., 55-56.
Tampa, propeller: listed, Oct., 55.
 Taquamenon Island: explorers camp on, Oct., 27.
 Tarkington, Booth: friend of David Gibson, Oct., 57.
Tashmoo: mentioned, July, 52.
 Tavern: early, described, Oct., 25.
Tawas, tug: listed, Oct., 57.
 Tawas Bay: storm, July, 23-24.
 Taylor, William, J., Capt.: gives talk at Marine Hist. Soc. meeting, July, 52.
 Teal Lake: mentioned, Oct., 27.
 Tecumseh: Capt. Ironsides descendant of, July, 39.
Tempest, tug: listed, Oct., 54.
 Thayer, George: explorers meet, Oct., 26; member of Jackson Mining Co., 23.
 Thayer, Gordon W.: appointed membership chairman, Oct., 58; articles by, Apr., 41-42, 47, July, 56, Oct., 41-44; reviews by, Apr., 49, July, 60, 61-62, Oct., 59, 61.
Theodore Roosevelt: steamer: carries excursion party, Oct., 51.
This Ontonagon Country, by J. K. Jamison: reviewed, July, 61-62.
Thomas Davidson, propeller: built by Wolf and Davidson, Oct., 43.
 Thos. Marks & Co.: stockholders, Oct., 49; *Algonquin* built for, 51.
Thos. Quayle, tug: listed, Oct., 57.
 Thomason, Andrew, Capt.: steamers operated by, Oct., 50.
 Thompson, David: surveyor, Jan., 43.
 Thompson, George L.: capt. of *Muskegon*, July, 9-10.
 Thompson, John C.: first mate of ship, July, 54.
 Thorold Presbyterian Sunday School: Gene Herman attends, Oct., 43.
 Thorpe, John E., Capt.: difficulties of trip, July, 3.
 Thunder Bay: mentioned, July, 20, Oct., 45-51, *passim*; boats visiting, 45.
 Thurber, James: articles by, mentioned, Oct., 63.

- Tigress*, U. S. schooner: on Lake Erie, Apr., 35; present location, July, 37, Oct., 63.
Timetable: Jan., 10-11.
Timothy Pickering manuscript: Oct., 14-16.
Tinkis, D. A.: saved in wreck, Oct., 47.
Tionesta, steamer: mentioned, Jan., 11.
Tipo-keso: Indian maid, Oct., 27; aids explorers, 27.
Tobermory, Ont.: mentioned, Oct., 22.
Tobin, Dick: captain of *Wilcox*, Oct., 57.
Tobin, John: captain of *Balize*, Oct., 57.
Tobins Harbor: *America* sinks at, Oct., 48.
Todd, George, Capt.: makes first trip from Gt. Lakes to Liverpool, Oct., 4.
Toledo, steamer: described, Apr., 11.
Toledo, Ohio: mentioned, Jan., 12, Apr., 38, 43; Ann Arbor ferries built at, July, 6; boat terminal, Oct., 50; boats built at, 55; boats built for F. W. Wheeler, 54; car-ferry built at, July, 7; fast run to, 54; new dock at, Oct., 52; power squadron in, Jan., 39; repair yards at, Oct., 53.
Toledo Shipbuilding Co.: mentioned, Apr., 38; builds ice-breaker *Mackinaw*, 43; purchased by American Ship Building Co., Oct., 53; rebuilds *Alabama*, July, 51.
Tom Adams, propeller: listed, Oct., 54.
Tom Dowling, tug: listed, Oct., 57.
Tomlin, William: captain of *Champion*, Oct., 57.
Tonti, Henri de: mentioned, Apr., 2; work cited, 4.
Topeka, propeller: mentioned, Oct., 43.
Tormey, Ed., Capt.: mentioned, Oct., 57.
Tormey, Jim, Capt.: mentioned, Oct., 57.
Toronto, Ont.: mentioned, Jan., 4, 12, Apr., 44, July, 37, 41, 59, Oct., 6, 50; *Pacific* sails from, for Liverpool, 4.
Toronto Globe: cited, Oct., 39, *footnote*; quoted, Jan., 5, Oct., 37.
Toronto Mail: advertisement in, Jan., 4.
Torrent, tug: listed, Oct., 57.
Trade: see Commerce and Trade.
Traders: on Mackinac Island, Oct., 25.
Transport, barge: recovered, Jan., 30.
Transportation: by water most satisfactory, Oct., 2; importance of Lake Michigan car-ferries, July, 2-15; necessity of trans-continental railroad, Jan., 3; provided during construction of C.P.R., 4.
Treaties: with Great Britain, Oct., 14; Webster-Ashburton, 3-4.
Trent River: mentioned, Jan., 13.
Trippe, sloop: on Lake Erie, Apr., 35.
Trowell, John V., Capt.: master of *City of Ottawa*, Jan., 12.
Truesdell, propeller: on Green Bay route, Apr., 20.
Turnbull, James: engineer, Apr., 12.
23rd Regiment: see Royal Welch Fusiliers.
Twin Ports: boat terminal, Oct., 50.
Two Hearted River: mentioned, July, 18.
Two Rivers, Wis.: mentioned, Apr., 18, 21.
U. S. Grant, tug: listed, Oct., 57.
U. S. S. Michigan: illustration, Jan., 23.
Uganda, propeller: listed, Oct., 55.
Ulveling, Ralph A.: librarian Detroit Public Library, Oct., 14.
Underground Railroad: fairport lighthouse used by, Apr., 48.
Union, steamer: built by Bates, Apr., 19; cost, 19; carries troops, Oct., 46.
Union Transit Co.: sells steamer, Apr., 44.
Unique, propeller: on St. Clair River, Oct., 43.
United Empire, propeller: built for Beatty Line, Oct., 47; rebuilt and renamed, 47.
United States: mentioned, Oct., 14; Rush-Bagot agreement, Apr., 35.
United States Coast Guard: decommissions boats, Oct., 53.
United States Lighthouse Service: Capt. Taylor retired from, July, 52.
United States Naval Academy: mentioned, July, 62; Ernest, J. King attends, 27; graduates, 27; officers of, aid in revising manual, Oct., 61.
United States naval forces on the Great Lakes: article by Clyde E. Feuchter, Apr., 33-35.
United States Navy: fighting ships for, July, 21-25; history through officers, 62.
United States power squadrons: incorporated, Jan., 38; purpose, 38.
United States War Department: cleared claims, Jan., 18.
University of Michigan: mentioned, July, 52, Oct., 59.
University of Southern California: mentioned, Apr., 9.
University of Western Ontario, Jan., 43, July, 54.
University of Wisconsin: mentioned, Oct., 61; receives Burmeister's papers, Apr., 9.
Valentine, —: on *Medeira Pet*, Oct., 11.
Van Andern House: mentioned, Oct., 27.
Vancouver, B. C.: mentioned, Jan., 3, July, 42.
Vandalia: mentioned, Apr., 23.
Van Dyke, Henry: joins Everett's party, Oct., 27; aid acknowledged, Oct., 23, *footnote*.
Van Dyke, W. H., Capt.: opinion of radio direction finder, July, 9; on damaged vessel, 11.
Van Horne, William C.: member of syndicate, Jan., 3.
Venango, Penn.: taken, Jan., 13.
Vermilion, Ohio: mentioned, July, 55, Oct., 56; gifts to public library, Apr., 47; schooner built at, July, 46-47.
Vermont: mentioned, Jan., 31.
Vernon, propeller: listed, Oct., 47; wrecked, 47.
Victory, Nelson's: mentioned, Jan., 37.

- Virginia: owned by Goodrich line, Apr., 22-23; purchased by Wm. Wrigley, 23; ocean run, 23.
- Vladivostok, Soviet Union: mentioned, Apr., 24.
- Vulcan, tug: listed, Oct., 57.
- W. Le Barron Jenney: listed, Oct., 55.
- W. A. Moore, tug: listed, Oct., 57.
- W. B. Castle, tug: listed, Oct., 57.
- W. B. Hall, propeller: listed, Oct., 51.
- W. G. Wilmot: listed, Oct., 55.
- W. H. Gilbert, propeller: listed, Oct., 55.
- W. H. Gratwick, propeller: listed, Oct., 55.
- W. H. Sawyer, propeller: listed, Oct., 54.
- W. J. Mills, tug: carries troops, Oct., 46.
- W. R. Muir, tug: listed, Oct., 57.
- W. R. Stafford, propeller: listed, Oct., 54.
- Wabash, steamer: flagship of fleet of ferries, July 6.
- Wabash Valley, propeller: sold, Apr., 18; lost, 18.
- Waesche, Russell R., Vice-Admiral: quoted, Apr., 38, 44.
- Wah-pus (Rabbit), Chief: Kane paints picture, July, 38.
- Wakefield, A. F.: charter member of G.L.H.S., Apr., 47; sailing champion, 47.
- Wakefield, George P.: charter member of G.L.H.S., Apr., 47; requests information on Perry's fleet, Oct., 63.
- Wakefield Brass Co., F. W.: gift to Vermilion Public Library, Apr., 47.
- Waldo A. Avery, propeller: listed, Oct., 54.
- Walker, Charles H.: president of Chicago Board of Trade, Oct., 7; ships grain, 4.
- Walker & Company: mentioned, Oct., 4.
- Wallaceburg, Ont.: cargo from, July, 55.
- Walling, Ralph G.: endorses letter, Apr., 47.
- Wapiti, steamyacht: listed, Oct., 55.
- War of 1812: mentioned, Apr., 17, 33, 49, 50, July, 58, Oct., 60; U. S. naval strength in, Apr., 35.
- Ward, Eber, Captain: owner of *Toledo*, Apr., 11; scraps steamer *Canada*, July, 53.
- Ward, Samuel, Capt.: makes early attempt to reach seaport from Great Lakes, Oct., 2-3; profits, 3; sketch, Jan., 31-32.
- Ward line: mentioned, Apr., 11, 18; origin of, Jan., 31-32; withdraws from west shore of Lake Michigan, Apr., 18.
- Warner, George H.: death of, July, 50.
- Warrenko, steamer: previously the *Chicora*, Oct., 46.
- Washington, George: mentioned, July, 58, Oct., 14.
- Washington, D. C.: British in, July, 59.
- Washington Island, Green Bay: mentioned, Apr., 8.
- Waterburn, George: mentioned, Apr., 13.
- Watertown, N. Y.: mentioned, Apr., 32.
- Watson: listed, Oct., 55.
- Waubuno, steamer: carries troops, Oct., 46.
- Waukegan, Ill.: disaster at, Apr., 19.
- Wayland Academy: some noted students of, Oct., 44.
- Weber, Henry: tavern-keeper, Oct., 42.
- Weber, Theodore: tricked by Bully Hayes, Apr., 42.
- Weber, Thomas: relates experiences before Marine Hist. Soc., July, 52.
- Webster-Ashburton Treaty: opens St. Lawrence for free navigation, Oct., 3-4.
- Welland Canal: mentioned, Jan., 5, Apr., 45, July, 22, Oct., 29, 50; boats stalled on Sundays in, 43; *Madeira Pet* detained on, 8, 10; resolution to enlarge, 7.
- Welland-Port Colborne *Evening Tribune*: contributions to, Apr., 53.
- Wellington, New Zealand: mentioned, Apr., 41.
- Wells, C. K.: brother of Justus Wells, July, 43.
- Wells, Justus: captain of brig *Columbia*, July, 42-45; brings first load of iron ore through the Soo to Cleveland, 42; birth, 42; first record, 42-43; reunion with mates, 43; log kept, 43, 44; records storm, 44; marries Josephine Perkins, 44; requirements as captain, 44-45; last voyage as recorded in log, 55; facsimile page of log kept by, 34; portrait, 34.
- Wells, Willard G., Capt.: interest in G.L.H.S., July, 42; on Pacific Ocean, 42.
- Wermuth, Arthur W.: war record, Oct., 41.
- Western Reserve Historical Society: aids exhibit, Jan., 41; requests picture, Oct., 63.
- Westren, John: member of Jackson Mining Co., Oct., 23.
- Whalling, W. J.: joint owner, Apr., 20.
- What ship is that?* compiled by E. C. Talbot-Booth: reviewed, Oct., 62-63.
- Wheat: cost, Oct., 15.
- Wheeler, F. W.: president of Saginaw Shipbuilding Co., Oct., 54.
- Wheeler, F. W., & Co.: builds steel car ferry, July, 7; ships built by, Oct., 54-55.
- White House: mentioned, Apr., 46.
- White Star Line: takes over *Greyhound*, July, 53.
- Whitefish Bay: mentioned, Oct., 27; boats cross, Apr., 39; excursions to, Oct., 43.
- Whitefish Point: storm at, Oct., 28.
- Whitehall, Walter Muir: added to editorial staff, July, 56.
- Whiting, Indiana: boat lost near, July, 54.
- Whittlesey, Chas., Col.: opinion cited, Jan., 14, footnote.
- Wiley, F. S.: operates under name of Thos. Marks Co., Oct., 47; has *Neebing* built, 47; other boats belonging to, 47.
- Wiley, Mrs. Josephine: owns clipping, July, 43.
- Wiley M. Egan, propeller: carries coal, Oct., 43.

- Wilkins, —, Major: expedition, Apr., 3; fought Indians, Jan., 14-15; route disputed, 14, *footnote*.
- Willett, Marinus: mentioned, July, 58.
- William, steamer: purchased, Apr., 44.
- Wm. A. Moore, tug: listed, Oct., 57.
- William B. Davock, steamer: sights wreckage, July, 12; founders, 12.
- William Edwards, propeller: tows barge, July, 54.
- William F. Sauber, propeller: listed, Oct., 55.
- Wm. Goodenow, tug: listed, Oct., 57.
- William H. Brown, propeller: listed, Oct., 55.
- Wm. H. Gratwick (II): listed, Oct., 54.
- Wm. H. Moore, tug: mentioned, Oct., 57.
- Wm. H. Stevens, propeller: listed, Oct., 54.
- William H. Wolf, propeller: built by Wolf and Davidson, Oct., 43.
- William L. Nelson, cargo vessel: winter run, Apr., 39.
- Williams, —, Surgeon: missing, Jan., 15.
- Williams, Ralph D.: mentions brig *Columbia* in book, July, 44.
- Wilmington, Del.: *Montauk* built at, Oct., 50.
- Wilson, Loudon: valuable picture collection, Jan., 35.
- Windsor, Ont.: boat terminal, Oct., 49.
- Windsor, Vt.: birthplace of Justus Wells, July, 42.
- Windsor-Lake Superior Line: opened, Oct., 46; boats of, 47.
- Winnipeg, Manitoba: mentioned, Apr., 44; exhibit of paintings, July, 41.
- Winslow, tug: listed, Oct., 57.
- Wisconsin, steamer: reports wreckage, July, 15; foundered, 15; lost, Apr., 24.
- Wisconsin: mentioned, Apr., 44, 51; book describes, July, 59.
- Withy, —, Gen.: tavern kept by, described, Oct., 25.
- Wolf and Davidson shipyards: carriers built by, Oct., 43.
- Wolfe, James, Gen.: mentioned, Jan., 17; quoted, 16.
- Wolseley, —, Gen.: sails on *Chicora*, Oct., 46; gives name to town, 46.
- Wolverine, schooner: history, Jan., 36; change of name, 36; present location, 36; plea to restore and preserve, 36-37; account of steps taken to preserve, Apr., 46-47; G.L.H.S. offers aid, 47.
- Wolverine, steamer: *Seendbee* becomes, Jan., 36.
- Wood: cost, Oct., 15.
- Wood, James: mentioned, Apr., 13.
- Woodrush, coast guard cutter: breaks channel, Apr., 43; clears ice, 39.
- Woolsey, Melancthon: mentioned, July, 58.
- Woolson, Constance Fenimore: book by, cited, Jan., 43.
- World War I: mentioned, Apr., 22; boats sent for, Oct., 51; freighters built for, 54; gave impetus to power squadrons, Jan., 38; *Nelson* figures in, Apr., 24; shipbuilding for, Oct., 6.
- World War II: mentioned, Jan., 12, July, 6; Oct., 53, 60; additional chapter in naval history, July, 62; fighting ships for, 21-22; route to ocean, 22; Defoe Shipbuilding Co. list boats built for, 21, *footnote*.
- World's Fair (Chicago): see Columbian Exposition.
- Worley, John S.: elected trustee of G.L.H.S., July, 56.
- Worrenko, a barge (formerly the *City of Montreal*): Jan., 12.
- Wrecks: *Africa*, Jan., 4; *Algoma*, 3, 6, Oct., 41; *Alpena*, Apr., 20-21; *America*, Oct., 48; *Arborea*, Apr., 20-21; *Asia*, 55, Oct., 47; *Caspian*, July, 53; *City of Montreal*, Oct., 47; *Commerce*, 37; *E. M. Foster*, 47; *Geo. A. Colby*, 51; *Geo. A. Graham*, 47; *Kincardine*, 47; *Manitoba*, 46; *Minnedosa*, 48; *Minnesota*, 6; *Quebec*, 46; *Spartan*, Jan., 4; *Vernon*, Oct., 47.
- Wright, —: on *Madeira Pet*, Oct., 11.
- Wright, —, Capt.: of *Ocean Wave*, July, 57.
- Wrigley, William: purchased *Virginia*, Apr., 23.
- Wyandot Indians: ambush relief party, Jan., 14; Capt. Ironsides chief of, July, 39.
- Wyandotte, Mich.: mentioned, Jan., 11.
- Xerxes: mentioned, Oct., 18; cuts channel, 18.
- Yale Univ. Press: acknowledgment to, Jan., 21; Apr., 25, July, 32, Oct., 33.
- Yankee: origin of name, July, 18.
- Yankee Point, Mich.: mentioned, Jan., 31, 32.
- Yankee Springs, Mich.: famous for good food, Oct., 24.
- Yeo, Sir James: mentioned, July, 58; perfects ship construction on Lake Ontario, Apr., 33.
- Young America, tug: listed, Oct., 57; brings cargo, 9.
- Yukon, schooner: listed, Oct., 55.
- Yulu: listed, Oct., 55.
- Zanesville, Ohio: mentioned, Oct., 3.
- Zeidler, Carl F.: killed in battle, Oct., 41.
- Zeisberger, David: contribution to Lake Erie history, Apr., 3-4; diary cited, 7.
- Zouave, tug: listed, Oct., 57.

SHIPS HAVING COMPOUND NAMES

List of ships having compound names arranged alphabetically by their last names.

<i>Adams, Tom</i>	<i>Collingwood, City of</i>	<i>Humphrey, George M.</i>
<i>Ainsworth, Henry</i>	<i>Collins, E. K.</i>	<i>Hurd, Joseph L.</i>
<i>America, Young</i>	<i>Columbus, Christopher</i>	<i>Ignace, Saint</i>
<i>American, Fair</i>	<i>Corliss, George H.</i>	<i>India, Empress of</i>
<i>American, North</i>	<i>Cox, Geo. A.</i>	
<i>American, South</i>	<i>Cross, Belle T.</i>	
<i>Ami, Bon</i>	<i>Curry, S. S.</i>	<i>J, Ethel</i>
<i>Anderson, Bob</i>	<i>Cuyler, Chas.</i>	<i>Jack, Salty</i>
<i>Ann, Mary</i>		<i>Jeanette, Olive</i>
<i>Arbor, Ann</i>	<i>Dallas, Geo. M.</i>	<i>Jenney, W. Le Barron</i>
<i>Armstrong, Frank</i>	<i>Davidson, Thomas</i>	<i>Johnson, E. E.</i>
<i>Arnold, B. W.</i>	<i>Davock, William B.</i>	<i>Jones, B. B.</i>
<i>Avery, Waldo A.</i>	<i>Detroit, City of</i>	<i>Juan, Don</i>
	<i>Detroit, Greater</i>	
<i>B, Fred</i>	<i>Dix, John A.</i>	<i>Kelton, Minnie E.</i>
<i>B, Hannah</i>	<i>Dixon, Hiram R.</i>	<i>Kent, Henry H.</i>
<i>B, Letter</i>	<i>Dobbins, Annie</i>	<i>King, Northern</i>
<i>Bangor, City of</i>	<i>Doty, L. R.</i>	<i>Kirtland, E. P.</i>
<i>Bell, Sir Isaac Lothian</i>	<i>Dowling, Tom</i>	
<i>Benham, C. E.</i>	<i>Dows, David</i>	<i>Law, Lizzie A.</i>
<i>Bernard, Lotta</i>	<i>Duluth, City of</i>	<i>Liken, Chas. W.</i>
<i>Bibb, George M.</i>		<i>Lyon, S. S.</i>
<i>Bielman, C. F.</i>	<i>Edward, King</i>	
<i>Bird, Mocking</i>	<i>Edwards, William</i>	<i>McBrier, Fred</i>
<i>Bird, Sea</i>	<i>Egan, Wiley M.</i>	<i>McLachlan, Mary E.</i>
<i>Bird, Snow</i>	<i>Empire, United</i>	<i>McWilliams, Ed.</i>
<i>Boy, Butcher</i>	<i>Ewen, Frank D.</i>	<i>McWilliams, John J.</i>
<i>Boy, Handy</i>		<i>Magnus, St.</i>
<i>Boy, News</i>	<i>Field, Justice</i>	<i>Maid, Butcher</i>
<i>Boy, Plough</i>	<i>Fillmore, Clarence J.</i>	<i>Maria, Santa</i>
<i>Boy, Plow</i>	<i>Fitzgerald, R. P.</i>	<i>Marie, Sainte</i>
<i>Boy, Post</i>	<i>Fitzpatrick, John C.</i>	<i>Marie, Ste.</i>
<i>Boy, Sailor</i>	<i>Flint, City of</i>	<i>Marks, Kate</i>
<i>Bradley, C. W.</i>	<i>Folsom, A.</i>	<i>Marquette, Flint and Pere</i>
<i>Bradley, Charles H.</i>	<i>Forbes, Christina A.</i>	<i>Marquette, Pere</i>
<i>Bradshaw, Mabel</i>	<i>Forbes, Kittie M.</i>	<i>Martin, H. N.</i>
<i>Brockway, Geo. E.</i>	<i>Foster, E. M.</i>	<i>Martini, Mary</i>
<i>Brown, William H.</i>	<i>Francombe, John A.</i>	<i>Mary, Eliza</i>
<i>Brunswick, New</i>	<i>Fremont, City of</i>	<i>Mary, Queen</i>
<i>Buffalo, Greater</i>	<i>Fritz, John</i>	<i>Masters, I. U.</i>
<i>Burnside, General</i>	<i>Fryer, Robert L.</i>	<i>Merrick, M. F.</i>
		<i>Michigan, Lake</i>
<i>Calvin, D. D.</i>	<i>Gilbert, W. H.</i>	<i>Michigan, U. S. S.</i>
<i>Camp, T. H.</i>	<i>Glidden, John N.</i>	<i>Midland, City of</i>
<i>Castle, W. B.</i>	<i>Goodenow, Wm.</i>	<i>Mills, M.</i>
<i>Cheboygan, City of</i>	<i>Graham, Geo. A.</i>	<i>Mills, M. J.</i>
<i>Chemist, Steel</i>	<i>Grant, U. S.</i>	<i>Mills, W. J.</i>
<i>Chicago, City of</i>	<i>Gratwick, Wm. H.</i>	<i>Minch, Sophia</i>
<i>Christie, T. S.</i>	<i>Gray, G. R.</i>	<i>Mitchell, John</i>
<i>City, Forest</i>	<i>Groh, Mary</i>	<i>Moffat, Kate</i>
<i>City, Soo</i>		<i>Montreal, City of</i>
<i>Clair, Saint</i>	<i>Haight, Kittie</i>	<i>Moore, W. A.</i>
<i>Clair, St.</i>	<i>Hall, W. B.</i>	<i>Moore, Wm. H.</i>
<i>Clark, J. P.</i>	<i>Hamilton, City of</i>	<i>Moran, John H.</i>
<i>Cleveland II, City of</i>	<i>Haven, Grand</i>	<i>Morgan, C. A.</i>
<i>Clinton, Dewitt</i>	<i>Hawgood, H. A.</i>	<i>Morley, George W.</i>
	<i>Hinckley, Ghent</i>	<i>Morse, Samuel F. B.</i>
	<i>Houghton, H.</i>	

Mt. Clemens, City of
Mountains, Rocky
Muir, W. R.
Munising, City of
Murphy, Simon J.

Nasmyth, James
Nelson, William L.
New Baltimore, City of
Nicol, John M.

Oglebay, E. W.
Olds, Irving S.
Ottawa, City of
Owen, John
Owen Sound, City of

Pabst, Fred
Packet, Salem
Paige, Joseph
Palmer, Julia
Park, Geo. H.
Peck, E. M.
Peterson, Frank J.
Petoskey, City of
Pike, General
Plankinton, John
Pope, E. C.
Porter, Admiral D. D.
Prince, Salvage
Prindiville, John

Quayle, Thos.
Queen, May
Queen, River

Racine, City of
Rapids, Grand

Redfern, C. E.
Reed, James H.
Richards, Henry C.
Richmond, Dean
Roby, George W.
Roebbing, John A.
Roen, Capt. John
Roen, John
Roosevelt, Theodore
Rule, Home
Russel, Roy K.

S., Maud
Saginaw, City of
Sauber, William F.
Sawyer, W. H.
Schlesinger, Ferdinand
Scott, General
Scow, Mud
Sherman, John
Smith, Andrew J.
Smith, Edward
Smith, Ella
Smith, Frances
Smith, Governor
Smith, L. P.
Smith, Sarah
Spaulding, Jesse
Spencer, Mollie
Spinner, F. E.
Spray, Silver
Stafford, W. R.
Star, Morning
Star, North
Stephenson, George
Stephenson, I. Watson
Stevens, Wm. H.

Stewart, Rhoda
Stone, George
Straits, City of the
Summer, Alanson
Swain, Martin

Teller, Marian
Tidings, Glad
Tilley, Sir L.
Tompkins, Gov.
Tuxbury, A. C.

Valley, Saginaw
Valley, Wabash
Van Allen, D. R.

Waldo, L. C.
Ward, Eber
Warmington, G. H.
Warmington, George P.
Warner, Hiram
Wave, Ocean
Wawatam, Chief
Weed, Emily P.
Western, Great
Western, Little
Westover, Luther
Wheeler, Frank W.
Whipple, Stella
Wilcox, O.
Williams, George F.
Williams, Kate
Wilmot, R. W.
Wilmot, W. G.
Wilson, Mabel
Winnipeg, City of
Wolf, William H.
Wolfe, Donald W.